Project:
Project: BASF Facility
Cranston, RI
Date (11/21)

5	SES	
(Page	of	)

Date	(/////						
Type	of Equipr	nent/Vehicles/Motorized Equipment					
	Field Servi	ice Trailer		Roll-	-off Tractor Truck		
V	Excavators	3		Roll-	-off containers		
Ø,	Loader			Dum	np Truck/Triaxle		
	Track Doz	er		Dum	np Trailers		
V/	Skid Steer	Loader	₫,	Picku	cup Utility Trucks		
	Frac Tank		1	Sum	np Pump		
	Generator			Tren	nch Box		
	Water Buf	falo		NaO	OH Storage Tank		
	Sawzail			Othe	er (list)		
This	work also	requires the use of the permits or do	cum	ents (	checked below		
⊠ P	ROJECT-S	SPECIFIC HASP					
	OCK-OUT	, TAG-OUT PERMIT					
⊠ P	RE-TASK	PLANNING FORM					
	ONFINED	SPACE ENTRY PERMIT					
	THERS (L	IST)					
					the source/s used and include necessary specific		
infor	mation (Se	e Daily Pre-Task Plan for day-specific in	nform	ation)			
Used	d N/A	Source			Specific Risk or Hazard that needs to be addressed		
X		Pre-work Inspection of the work site			See SES HASP		
X		MSDS review / includes any 'new' chem	icals	1	MSDS Sheets Provided in HASP		
X Crane Operations							
	X Elevated Work						
X		Environmental Conditions			See SES HASP		
X		Heavy Powered Mobile Equipment Use			Excavators to load soil into trucks, truck traffic		
		Language / Communication Difficulties					
X		Materials to be used		;	See Pre-Task Plan		
		Overhead Work / Rigging					
		Special Equipment to be used			0.000 11400		
X		Trenching / Excavation			See SES HASP		
		Utilities System tie-in / restrictions					
X		Other Risks or Hazards			PCB/VOC-contaminated soils; Sodium Persulfate		
Anti	cipated P	roject Required Precautions & Protec	tive I	Vieasu	Be sure that each identified Risk or Hazard is		
		ee Daily Pre-Task Plan for day-specific	inforr	nation	n) Specific measures that are required		
Nee	d N/A	Area C C C C C C C C C C C C C C C C C C C	.:		To be developed on site with SES work crew		
X	<del></del>	Access & Egress Plans (People & Equ	iibine	:(IL)	TO be developed on Site with SES work crew		
-	X	Barricades needed	۵				
	X	BASF equipment / materials to be use	u				
	X	Electrical safety equipment required					
	Х	Elevator use			See SES HASD		
X		Emergency Equipment	nd		See SES HASP		
X		Emergency Plans / Emergency Respo	naer		See SES HASP		
	X	Fall protection			See SES HASD		
X	<del></del>	First Aid / Medical Treatment provision	18		See SES HASP		
-	X	HOT WORK Procedure requirements					
	X	HVAC System requirements	ont-				
1	X	LINE-BREAKING procedure requirem	ents				

Project:
<b>BASF Facility</b>
Cranston, RI
Cranston, RI Date ( / // / # )

5	SES	
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	X	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services	OGG GEG TIAGI	
X		Trench / Excavation Boxes	See SES HASP	
		Other Requirements	CCC GEO HAGE	

Requi	ired Pe	ersonal Protective Equipment (PDE) Identify the				
☐ PF	E GRI	Prsonal Protective Equipment (PPE) Identify the second MSDS    BASF Knowledge	sou	rce/s us	sed and	check the appropriate boxes
YES	NO	D ⊠ MSDS □ BASF Knowledge	$\perp$		rovide	r Knowledge
X	110			YES	NO	Item
X		Hardhat (either) ☐ Fiberglass ☒ Plastic			X	Rain Suit
^		Safety Glasses, ANZI-rated, side shields			Х	Ci unto
	X	Goggles ☐ Chemical ☐ Dust			X	Chemical Suit  Jacket  Pants
	X	Faceshield		Χ		Personal Fall Protection Equipment
X		Hearing Protection ⊠ Plugs ☐ Muffs	$\vdash$			Gloves ⊠ Chemical □ Work
		Hearing Protection ⊠ Plugs ☐ Muffs		X		Long sleeve shirt and steel toed boots
	Χ	Respirator				with steel shank
		= rian mask = i uli-lace		X		Boots ☐ Rubber ☒ Other
	X	Dust Mask	П		X	Welding Protection
	X	Fire Retardant Electrical Clothing			X	
X		Eyewash Station		Х		Retrieval System for Confined Spaces
X		Tyvek Suits	-			Mobile phone or radios
		Other PPE (list)	-	X		Insect repellent, sunscreen
	1	other in E (list)		X		High-visibility, reflective vest

Trainir	ng Req	uirements
Need	N/A	Area
X	WA	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project:	
BASF Facility	
Cranston, RI	
Date (/// )/ )	

5	SES	
Page	of	)

STRATEGIC ENVIRONMENTAL SERVICES	BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE
PRE-TASK PLAN	SES SUPERVISOR:	Oranston, Ki	
(PTP)	BANN ROFE		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	ist (Check off AND Circle today's activities)  Task 1 - Permitting
]	
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls  Task 3 – Excavation/Decontamination/Soil Stack Biling/Level in (1999)
V/	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 4 – Transportation and Disposal of Contaminated Material
7	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	ecommended Actions o	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
1/	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
5	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
<u> </u>	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
<u>1</u>	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
<u> </u>	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
<u> </u>	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
5	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
7	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
]	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation:JSA 4,5,6,8
	1,3,4,5,6	Vehicle use	V	B20 Vehicle Use: All JSA
	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

Project BASF Cranst Date ( ,	Facility on, RI	DAILY SAFE	DAILY SAFE WORK FORM				
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>			
	5,6	Overhead/underground	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground			
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	Utilities: JSA 1,3,4  B25 Electrically Powered			
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9  B25 Electrically Powered			
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9  B26 Cutting Devices/Tools;			
	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	JSA 9 B1 Chemical: JSA 4			
	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9			
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs			
	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs			
	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA			
Ø	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs			
		hazard may be listed under several the overall ranking.					
Descriptio	n of Any Additiona	al Activities, And Associated Health	n and Safety Risks and Protective	Procedures/Equipment:			

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
11-21	Jun Come	SES	630	1430
11/21/18	Michael James	SE5	630	1500
11/21/18	JOHN LEIGHTON	SEJ	630	3:00
11/21/18	3 POSE	5135	6:30	16.00
4121118	challes McCathy	SES	6:31	15:01
11/21/18	Aaron Ting	AET	0630	1430
11/21/18	Joseph Drebaum	AEI	0630	1430
11/21/18	Evan Hamfig	AEI	0710	1345
			=	

Project:	BASF, Lot 1102 Submitted By: Aaron C. Ting						
	180	Mill Street	Signature				
	Cranston, RI		Date	_	10	Consultants	
			Dute	11/20/20	10		
				Daily			
	Wea	ther: Partly Cloudy, Rain in evenin	g	Precipitation:	0.96"	Temp: 43-13	
PERSONNEL	/EOI	ITOMENT				(Hi - low)	
Contractor		IPMENI					
Contractor	No.	15 CONT		Owner/Represe	ntative: N/A		
	_	Superintendent		1			
	_1	Foremen	SES				
		H&S/QA Officer		AEI Personnel:	Aaron Ting		
1	_2	Operators	SES	100	Joseph Drebaur	1	
	2	Laborers	SES		Joseph Drebaur	n 1	
		Other Trades (Surveyor)	JLJ				
					-		
SubContractor	No	Company/Firm					
o o o contractor	140.	Company/Firm					
	_			Visitors On Site:	N/A		
	_						
	_						
	_						
	7	Total Personnel On Site					
MAJOR EQUI	PME	NT:					
					EQU	IPMENT/MATERIALS RECEIVE	
CAT ODEH LOSS	dan 5	cat 289D skid steer, CAT 320C and	320E excavators		8,000 gallon frac	tank demobilized	
CAT 990H LOAD	jer, 5	and 1 micron filters, vibratory rolle	er				
carbon filtration							
2-trash/recyclin	ng bin	s, 2-100 yd rail cars, 1-21,000 gallo	on frac tanks				
1,000 gallon ba	iffle, 1	0,000 gallon,and 20,000 gallon fra	c tanks				
WORK COMP	LETE	D:				are feet) on the northern side of th	
SES moving comportation of a convestigated low rick structure is and in conform implaced about ontinued cuttinued cuttinued utilized for isscussed with it leight of each.  ET processed sent to the lab file.	nstructiclean f cation f that m nance t 2,450 mg week backfi information ample or PCE	with specifications.  O square feet of impermeable liner dge, about 60 linear feet. To date, ii).  valski the sewer main manholes (3 med SES and provided map given a collected last Wednesday (11/21	ner of the property 5-inch stone were adjacent to forme system. No fluid of on the southern s about 80% of the ) located along the by Veolia sewer do /18) on the Dexsil	to allow for con- emplaced for the er building 14, lox or other material side of the site. e wedge has been e northern prope epartment for SE analyzer for PCE	e construction entr cated on northwes identified inside the n completed (approximately boundary and S to locate the sevants analysis. Some s	tern portion of the site. Located a he structure. SES to fill in with clear oximately 800 cy of soil removed the potential need to extend the wer manholes. Could not locate.	
AEI Signature	d SES' conter	s Safe Work Form/Pre-Task Plan fi th of SES's HASP." Ily H&S tailgate meeting to review cussed and issues raised.				ocuments comply with the with safe work practices. See SES	
SUES/CHAN	GES/	RESOLUTIONS:					
A	JE3/	ALJOLUTIONS:					

DISCUSSIONS/CLIENT DIRECTION:

STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



### **DAILY WORKSHEET**

Date: 11/36/18						Project	Number: 18-0315
1/ //							
CLIENT / SITE INFORMAT	ION						
Name: BASF							
Address: 130 Mil	157						
CRANSTON R	1						
Contact:							
PROJECTS NOTES MO	6 70	Si	TR.	J	Ail	SATR	TALK SRTUP WASH
PAD "MOVE" MAKE	ENG	UE	PUTO	and	2.1	FINIST	+ AROX COLF WELGE ALOUS
MILLST. LAY	Down				Lin	ar la	INPINT 5 LOADS OF
PROSSESS + START	1'0	PE	DVN	Fice	ENT	MAYE	Clar of + SECORESIAR
LABOR						MATERI	ALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
B ROKE	FS	5:30	630	15:00	16:00		PPE Level: A B C D
C-MCCANTHY	FT	630	7:00	1	1530	1	CAT 320
J. HEFNER	FT	11	1		1	1	CAT 966 Willy 12:
J LEIGHTON	00					1	CAT SKID STERL
J GOMES	00		V	al	4	1	ROLLER
						1	CF1370 SBS
						2	GEN
						(	701187
SUBCONTRACTORS						1	Poll Poly
AT ATT ATT ATT							

Project:
<b>BASF Facility</b>
Cranston, RI
Cranston, RI Date (///26)

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_ of \_\_)

Servicing or	Maintenance Work Description		
Description of	f Work: CMI Implementation Project		
Start Date / 7	ime: (Date) (Time) 11/74/19 070	0	
Location of	180 Mill Street, Cranston, RI	1	
Work			
		- <b>L</b>	
Strategic En	vironmental Services, Inc. (SES)	***************************************	
	Company Name: SES		
Contact Pers			
Contact phor	1e# (30%) 326-6523		
	(20) 322 - 323		
Health and S	Safety (H&S) Plan (HASP) Signatures		
Sign-off sheet a	ittesting that the HASP has been made available and rev	riewed by the individual prior to e	ntry into the site and/or daily H&S
witching. An per	some participating in the project must receive initial H	palth and Safaty Orientation Thor	confice a tailmate and to
required daily,	and as otherwise deemed necessary by the Site Health and and will observe the contents of this HASP and Daily	and Safety Officer By signing hold	ou an individual contition that he has
Health and S	afety Meeting	Date and Lottle Auth Lie-1888 L	lanning Form
Date	Name of Attendee (Print)	Company	Solting
11126	130m ROB	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	initials
10-26	30Ha) 1 R 10 HIDEN	S B S	135
11-26	Joe Hetner	365	186
11-26	Charles Micentry	SES	100
Mille	Agran Ing	The state of the s	No.T
11/26	John Gorac	AEC	100
11/26	Total	1 25	1972
11/30	Joseph Hiebann	TELL	192
		-	
Mary Hos			
		E	
Visitor Log			
It is SES's polic	y that visitors must furnish their own personal protective	e equipment. All visitors are requi	red to sign the visitor log and
Company with reci	The state of the s	ite a manufations among a consequence	t with nite health and natety issues.
the Designated	Site Supervisor shall also immediately notify HSC.		
Name of Visit	The state of the s	Date of Visit Sig	signed of a
CHAUDE		1136-18 6	hully fell
11/10	Stort My Methon	11-96-18	
			- Park Transition of Co.
	, was		

Project: BASF Facility Cranston, RI Date (1//) ( )	DAILY SAFE WORK FORM	SES (Page of)

Project:
<b>BASF Facility</b>
Cranston, RI
Cranston, RI Date (/// + 6)

SE	S	
(Page _	_of_	_)

Vpe	of Fou	upment/vehicles/Motorized Equipment		
1	Field S		_	
	Excava	11	_	Roll-off Tractor Truck
/	oader	V	_	Roll-off containers
-	rack [			Dump Truck/Triaxle
,		and the second s	-	Dump Trailers
,		· ·		Pickup Utility Trucks
-	rac Ta		1	Sump Pump
	3enera		]	Trench Box
_		Buffalo	1	NaOH Storage Tank
1   8	awzai	2		Other (ilisi) V. bratay Roller
laia				
nis v	vork a	so requires the use of the permits or doc	um	ents checked below
111	COLC	1-SPECIFIC HASP		
LO	CK-OL	JT, TAG-OUT PERMIT		
		K PLANNING FORM		
1 00	INF IIVE	ED SPACE ENTRY PERMIT		
1.01	HERS	(LIST)		
ntici	pated	Project Risks and Hazards Identification	Ide	entify the source/s used and include necessary specific
_	1	See Daily Pre-Task Plan for day-specific info	rma	ation)
sed	N/A	Source		Specific Risk or Hazard that needs to be addressed
		Pre-work Inspection of the work site		See SES HASP
		MSDS review / includes any 'new' chemical	ale	MSDS Sheets Provided in HASP
	X	Crane Operations	-)10	I MODE Sheets Provided in HASP
	Ä	Elevated Work	_	
7. 13		Environmental Conditions	_	See SES HASP
		Heavy Powered Mobile Equipment Use	_	
	X	Language / Communication Difficulties		Excavators to load soil into trucks, truck traffic
- 1		Materials to be used	_	See Pre-Task Plan
	X	Overhead Work / Rigging	-	See Fre-Task Flam
	X	Spacial Equipment to be used		
1		Trenching / Excavation	-	Lean SES HADE
1	X	Utilities System tie-in / restrictions	-	See SES HASP
	7	Other Risks or Hazards	-	DODDING
nticip	ated F	Project Required Precautions & Protective	. 88	PCB/VOC-contaminated soils; Sodium Persulfate
dress	sed (S	See Daily Pre-Task Plan for day-specific info	3 IAIG	Be sure that each identified Risk or Hazard is
eed	N/A	Area	III)S	
	1	Access & Egress Plans (People & Equipm		Specific measures that are required
	X		ient	To be developed on site with SES work crew
	×	Barncades needed BASE equipment / materials to be used	_	
	X			100 POST 100
	X	Electrical safety equipment required		The state of the s
	^	Elevator use		
		Emergency Equipment		See SES HASP
	v	Emergency Plans / Emergency Responde	r	See SES HASP
	X	Fall protection		
	-	Erret And / Madical Transment mentions		See SES HASP
	X	HOT WORK Procedure requirements		
	X	HVAC System requirements		
		LINE-BREAKING procedure requirements	_	

Project:
<b>BASF Facility</b>
Cranston, RI Date (/// 2 0)

SE	ES	
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	1 4	Scattaige / dealing	
X		Temporary electrical power	S. OFO.
	X	Temporary Utilities services	See SES HASP
X		Trench / Excavation Boxes	See SEE HARD
		Other Requirements	See SES HASP

		ersonal Protective Equipment (PPE) Identify the s	□ Work	Dravida	- War appropriate boxes
YES	MO	i i Livi	LVEG	Flovide	r Knowledge
		Honibai (elfher) T Finemiass E Digena	YEG	NO	item
X		Safety Glasses, ANZI-rated, side shields		I.A.	Rain Suit Jacket Pants
	X			X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles		X	Personal Fall Protection Equipment
(	^		X		Gloves
`	1.7	Hearing Protection ⊠ Plugs □ Muffs	X		
			^		Long sleeve shirt and steel toed boots
	X	Respirator	1 4		with steel shank
	X	Dust Mask			Boots II Dubbas to Other
	X	Fire Retardant Electrical Clothing		X	Welding Protection
		Eyewash Station		X	Retneval System for Confined Spaces
			X		Mobile phone or radios
		Tyvek Suits	X		Insect repollent
		Other PPE (list)	X		Insect repellent, sunscreen
			1 1		High-visibility, reflective vest

	ily Keq	uirements	
(ACCE)	1 Paper	Arga	
Ä	M	BASE Safety Orientation (if required)	
X		MSDS Reviews	
X		Review of precautions listed above per SES HASP	
X		Review of required PPE	
		Other training (specify) –	
-	1		
-			

Proje	CT:
BASE	Facility
Date (	ton, RI

	SES	
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STEATERIN	TODO FOT LION LTANKIN	Transco	
ENVIRONMENTAL SERVICES	BASE Cranston/CMI Implementation	190 Mill Street	-m15
PRE-TASK PLAN	SES SUPERVISOR:	Cranston, Ri	11
(PTP)	BRAN ROB		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel weather, reduce uncountered and resolution, nealth and safety actions/issues, changes in work conditions, client interface.

	St (Check off AND Circle today's activities) Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
4	Task 3 – Excavation/Decontamination/Soil Stack Billion/English (Prosion Controls
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Managemen  Task 4 – Transportation and Disposal of Contaminated Material
4	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Sas II - Jenson San III

Today's Activities (Check Each)	Task Number(s)	ecommended Actions o	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
138	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
7	15.45	Fa inc yes () (Africa)		
7	2.4.5.6	July Zone Continue	The second secon	The state of the second control
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	188 Min. From Cohemic all 9 Mag
	3,4,5,6	Cold	The state of the s	B4 Heat: All JSAs
×	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
			NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
Image: Control of the	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
*		(Vehicle, pedestrian	FAY TO MEDINO SEC.	15A
×	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
ZI .	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JSA 4,5,6,8
Z	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
3	12.3	Work near/on water		821 Work Near/On Water 1SA
ŭ	11,15	Slevaceo neights ( < 475)	ağı Lowe incolumil (1991)	L DAZ Working from Heights ( << - feet)

BASF Facility Cranston, RI Date ( / // ) b )		DAILY SAFE	DAILY SAFE WORK FORM		
F 1	las	Elizabed beliebe co acc			
	Í	1	might a ge	feet)	
L	5,6	Overnead/underground	NA□ Low□ Medium⊠ High□	(teer)	
	4,5,6	utilities Powered hand tools		B24 Overhead/Undergroun Utilities: JSA 1,3,4	
	4,5,6		NA□ Low⊠ Medium□ High□	B25 Electrically Powered Equipment and Tools: JSA	
		Electrically powered equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered	
	iank	Contains Age in the	THE TOTAL TOURS AND A	Equipment and Tools: JSA 9	
_	14,5	I Drume out at		I ISA 9	
X)	2456	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4	
Z.	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material	
	3,5,6	Doine - C		Handling/Ergonomics: JSA 2,6,7,9	
		Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All	
J	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All	
	3,5,6	Ticks, mosquitos	MAD Lower Made	JOAS	
	1,3,4,5,6		NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA	
1		Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety: All 15A	
	Note: A single ha	izard may be listed under several 7	asks. In this case, use the highes	t Severity ranking of the tasks	
Sazignis		Schvilles, And Associated Health			
11.					

SESC Plan Inspection Report

		Project Information				
Name	Former Ciba-Geigy Fa					
ocation	180 Mill Street, Crans	180 Mill Street, Cranston, RI (Lot 1102)				
DEM Permit No.	18-0048/RIR101724					
Site Owner	Name Joseph Guarnaccia	Phone 973-245-5269	Email Joseph.guarnaccia@basf.com			
Site Operator	Name Brian Roe	Phone	Email broe@strategic-es.com			
		nspection Information				
nspector Name	Name Aaron C. Ting	Phone 978-577-7138	Email ating@aeiconsultants.com			
nspection Date	11/24/18	Start/End Time	0800-0830			
Inspection Type	Pre-storm event ☐ Dur	ing storm event	n event □ Other			
		Weather Information				
Last Rain Event Date: りん	Duration (hrs):	Approximate Rainfall	(in):			
Rain Gauge Location	& Source: on (Davis Vantage Pro)					
On-site weather station	on (Davis vantage 1 10)					
		390=				
Check statement that  Check statement that  I, as the designate determined that main  I, as the designate made the determinate this inspection report  Inspector:  Print Name Aaron C. Ti	t applies then sign and day and Inspector, certify that the and corrective a and Inspector, certify that the and Inspector, certify that the and the site requires and the site	nis site has been inspected as rections are not required at this this site has been inspected as recorrective actions. The required	equired by regulation and I have ime.  equired by regulation and I have docorrective actions are noted with  Date  II Z Le 18  C Plan inspection report and its set be completed and documentations			

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; if 'Yes', please detail action required)
1	Construction Site Exit including decontamination pad	RIDOT Standard Specifications RI Soil Erosion and Sediment Control Book	ØYes □No	SES moving entrance at threatm	Decan pad available on both lots
2.	Project-wide including material stockpiles	Perimeter – compost filter socks (RIDOT 9.2.0); Stockpiles – haybales (RIDOT standard specification 206, 212)	ØYes □No	see pruto los	
3	Project wide including material stockpiles	RI SESC Handbook  Water for dust control/cover stockpiles  RIDOT Standard Specification/RISEC Handbook	∠ Yes □ No		
4	Adjacent Roads	Roads adjacent to construction site shall be clean at the end of each workday	ØYes □No		
5	Project-wide	Pickup construction trash/debris	QYes □No		
6	Project- wide	Spill prevention/spill containment measures	∑aYes □No	1	
7			□Yes □No		
8			□Yes □No		

SESC	Plan	Inspection	Report

#### **General Site Issues**

Below are some general site issues that should be assessed during inspections. Please **customize** this list as needed for conditions at the site.

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	ØÝes □No □ N/A	seephoti 129	
2	Are appropriate limits of disturbance (LOD) established?	⊠Ýes □No □ N/A	1	
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ØN/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No ☑ N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No Ø N/A		
6	Were all exposed soils seeded by October 15 <sup>th</sup> ?	□Yes □No ØN/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No ☑ N/A		
8	In instances where adequate vegetative stabilization was not established by November 15 <sup>th</sup> , have non-vegetative erosion control measures must be employed?	□Yes □No 図 N/A		
9	If work is to continue from October 15 <sup>th</sup> through April 15 <sup>th</sup> , are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No ⊠N/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	□Yes □No ☑N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No ☑N/A		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No Ø N/A		

SESC Plan Inspection Report

Page\_\_\_of \_\_\_

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No Ø≤N/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No Þai N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	⊠Yes □No □ N/A	see photo	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	Źryes □No □ N/A	V	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ♠ N/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes □No		
20	[Exception: frozen conditions]	□Yes □No pd N/A		
21	proper function?	□Yes □No □N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes □No Ø N/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	□Yes □No ; <b>□</b> N/A		
24	Has the site operator taken steps to	4-1		
а	Contaminated groundwater.	∆Yes □No □ N/A	seephoto	

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	□Yes □No □XiN/A		
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	□Yes □No ☑ N/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	ØYes □No □ N/A	see pluto	
е	Soaps or solvents used in vehicle and equipment washing.	Yes □No □ N/A		
f	Toxic or hazardous substances from a spill or other release.	✓ Yes □No □ N/A		
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?		1	
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No ≰LN/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	ŞaYes □No □ N/A	See photo	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	Ø¥Yes □No □ N/A		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	Yes No		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	⊠Yes □No □ N/A		
31	Are allowable non-stormwater discharges being managed properly with adequate controls?	XÁYes □No □ N/A		
32	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	ØYes □No □ N/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	⊠Yes □No □ N/A	1	

Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
exposed to stormwater?			
Are stockpiles located within the limits of disturbance?	ØYes □No □ N/A	Sephoto 101	
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	⊠Yes □No □ N/A	1	
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	□Yes □No X N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	⊠res □No □ N/A	Scil wet from rainfal	
Are designated washout areas (such as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	Yes □No	se proto	
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	YaYes □No □ N/A	1	
(Other)			

General Field Comments: 12/A

#### **Photos:**

### Photo #: 1



### Station: North Site

Description: Decontamination pad located on Lot 2682 and temporary stockpiles covered by poly.

### Photo #: 2



#### Station: Northeast Site

Description: CFS located along northeast property boundary. Wedge cut made in front of CFS is needed to emplace the final 2-feet of cover material.

Photo #: 3



Station: East Site

Description: CFS located along eastern property boundary adjacent to riverway.

Photo #: 4



Station: Northeast Site

Description: Fractionation tanks to manage onsite groundwater removed from excavations.

Photo #: 5



Station: Southwest Site

Description: Staked silt fence along southwestern portion of the site adjacent to riverway.

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
11/26/	B. ROF	5155	06'30	15:00
11-26	J. LEI GHOW	SES	06:30	1500
4/26	John Gomes	SES	0700	1500
11/26	Jue Hetner	SES	0760	1500
1/26	charles or Cuthy to	SES	0700	1500
11/21/18	Aann Ting	AEI	0700	1510
1 (26) 18	Joseph Drebuum	AET	67:00	1500
	Ē			
	E			

#### DAILY PROJECT REPORT

Some   Separation   Separatio	Project:	BAS	F, Lot 1102	Submitted By	: Aaron C. Ting	20		AEI
Weather: Light rain in morning, Cloudy  Dally Precipitation: 0.23" Temp: 43-13 (HE-low)  PERSONNEL/EQUIPMENT  Contractor No. Superintenent				Signature	and the		7	onsultante
PERSONNEL/EQUIPMENT Contractor No. Superintendent 1 Foremen SES 1 H8S/QA Officer 2 Operators 2 Laborers SES 2 Laborers SES 3 Laborers SUBContractor No. Company/Firm 1 Digrete  8 Total Personnel On Site  Wistors On Site: N/A  MAJOR EQUIPMENT: 1 support truck, Bobcat 289D Skild steer, CAT 320C and 320E excavators 2 rolls of 40-mil Nilex CAT 998H Loader, 5 and 1 micron filters, vibratory roller carbon filtration system 2-trastyriers/citig bins, 2-100 yd rail cars, 1-21,000 gallon frac tanks 4,000 gallon baffle, 10,000 gallon, and 20,000 gallon frac tanks 4,000 gallon baffle, 10 processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Wirafl 180N emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on south/central portions of site; approximately, 10,995 square feet.  AEI contacted Veolia sewer (John Ayotte) about locating three sever manholes located along the northern property boundary. SES being instructed to hold covering the easement until finding the manholes and raising. A change request, forthcoming, would be issued by SES, set lock Ferminator or any manhole work by SES.  AEI collected post excavation soil samples for Dessil and laboratory analysis of PCBs.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.		Crar	nston, RI	Date	11/27/201	18		O(13tilita)1(3
PERSONNEL/EQUIPMENT Contractor No. Superintendent 1 Foremen SES 1 H8S/QA Officer 2 Operators 2 Laborers SES 2 Laborers SES 3 Laborers SUBContractor No. Company/Firm 1 Digrete  Wistors On Site: N/A  MAJOR EQUIPMENT  Support truck, Bobcat 289D skid steer, CAT 320C and 320E excavators 2 rolls of 40-mil Nillex  CAT 996H Loader, 5 and 1 micron filters, wibratory roller carbon filtration system 2-trastyrecycling bins, 2-100 yd rail cars, 1-21,000 gallon frac tanks 4,000 gallon baffle, 10,000 gallon, and 20,000 gallon frac tanks 4,000 gallon baffle, 10,000 gallon, and 20,000 gallon frac tanks 4,000 gallon baffle of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Malor Recompleted by Ras Foreit or any manhole work by SES.  AEI contacted Veolia sewer (John Ayotte) about locating three severe manholes located along the northern property boundary. SES being instructed to hold covering the easement until finding the manholes and raising. A change request, forthcoming, would be issued by SES, at Collected post excavation soil samples for Desil and laboratory analysis of PCBs.  AEI collected post excavation soil samples for Desil and laboratory analysis of PCBs.  AEI step perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI Septarter  AEI step perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI sequenced SES'S Safe Work Form/IPR-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP.  AEI sequenced SES'S Safe Work Form/IPR-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP.  AEI sequenced SES'S Safe Work Form/IPR-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP.					Daily			
PERSONNEL/EQUIPMENT Contractor No. Superintendent 1 Foremen 2 Coperators 2 Laborers 2 Laborers 3 ES 3 Laborers 3 ES 3 Laborers 4 Foremen 1 Diprete 1 Diprete 1 Diprete 1 Diprete 1 Diprete 2 SubContractor No. Company/Firm 1 Diprete 1 Diprete 2 SubContractor No. Company/Firm 1 Diprete 2 SubContractor No. Company/Firm 2 Diprete 3 Total Personnel On Site  MAJOR EQUIPMENT: 1 Support truck, Bobcat 289D skid steer, CAT 320C and 320E excavators 2 rolls of 40-mil Nilex CAT 9986H Loader, 5 and 1 Imfroor filters, wibstory roller 2-trassly-recycling pins, 2-10 by d rail cars, 1-21,000 gallon frac tanks 40,000 gallon baffe 1,0000 gallon spile		Wea	other: Light rain in morning, Cloud	У	A STATE OF THE STA	0.23"	Temp: 43-13	
Contractor No.  Superintendent  Foremen  BSS  H8S/QA Officer  Q Operators  SSS  Laborers  Other Trades (Surveyor)  SubContractor No.  Company/Firm  1 Diprete  8 Total Personnel On Site  Wistors On Site: NyA  FOUR PRIVATE STATES  Support Truck, Boback 2891 skid steer, CAT 320C and 320E excavators  CAT 996H Loader, S and 1 micro filters, wibratory roller  carbon filtration system  CAT 996H Loader, S and 1 micro filters, wibratory roller  carbon filtration system  WORK COMPLETED:  Continued importation of processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Mirafi 180N emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on south/central portions of site; approximately, 10,995 square feet.  AEI contacted Veolia sever (John Ayotte) about locating three sever manholes located along the northern property boundary. SES being instructed to hold overing the seasment until finding the manholes and raising. A change request, forthcoming, would be issued by SES,  AEI collected post excavation soil samples for Desil and laboratory analysis of PCBs.  Diprete onsite to conduct surveying.  AEI serverewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the recedures and content of SESs HASP.  AEI signature  ESSUES/CHANGES/RESOLUTIONS:  WAS Supported to the procedures and content of SESs HASP.  AEI signature  AEI Signature  AEI Signature  SESSUES/CHANGES/RESOLUTIONS:  WAS Supported to the server manholes in the server manholes in the server was server manholes for the server was server manholes for the server was server manholes for the server was server manholes to cated along the northern property boundary. SES being instructed to hold overing the server that in the server was server manholes to cated along the northern property boundary. SES being instructed to hold overing the server than the server was server manholes to cated along the nort	PERSONNEL	/FOI	ITDMENT		1		(Hi - Id	ow)
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## AES/QA Officer   SES   ## H8S/QA Officer   2 Operators   SES			Superintendent		Owner/Represe	ntative: N/A		
H8S/QA Officer 2 Operators 3 SES 2 Laborers 3 Chief Trades (Surveyor)  SubContractor No. Company/Firm 1 Diprete  8 Total Personnel On Site  MAJOR EQUIPMENT: 1 Support truck, Bobcat 289D skid steer, CAT 320C and 320E excavators 2 rolls of 40-mil Nilex  CAT 996H Loader, 5 and 1 micron filters, vibratory roller cardonn filtration system 2 trassly-recycling bins, 2-100 yd rall cars, 1-21,000 gallon frac tanks 4,000 gallon shafe, 10,000 gallon, and 20,000 gallon frac tanks WORK COMPLETED: Continued importation of processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Mirafi 180N emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on south/central portions of site; approximately, 10,995 square feet.  AEI contacted Veolia sewer (John Ayotte) about locating three sewer manholes located along the northern property boundary. SES being instructed to hold covering the easement until finding the manholes and raising. A change request, forthcoming, would be issued by SES, evelveed and approved by BASF prior to any manhole work by SES.  AEI collected post excavation soil samples for Dexil and laboratory analysis of PCBs.  Diprete ensite to conduct surveying.  AEI setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY:  AEI Signature  AEI Signature  AEI Signature  AEI Signature  SES/AEI condificed daily H&S tailgate meeting to-refiew work scope and safety precautions/)SAs associated with safe work practices. See SES  SWEPTP for topics discussed and issues raised.		1		CEC		-		
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Other Trades (Surveyor)  SubContractor No. Company/Firm Diprete  8 Total Personnel On Site  8 Total Personnel On Site  WAAJOR EQUIPMENT: 1 support truck, Bobeat 289D skid steer, CAT 320C and 320E excavators 2 rolls of 40-mil Nilex CAT 998H Loader, S and 1 micron filters, vibratory roller carbon filtration system WORK COMPLETED: Continued importation of processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Mirafi 180N emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on south/central portions of site; approximately, 10,995 square feet.  AEL contacted Veolia sewer (John Ayotte) about locating three sewer manholes located along the northern property boundary. SES being instructed to hold covering the easement until finding the manholes and raising. A change request, forthcoming, would be issued by SES, reviewed and approved by BASF prior to any manhole work by SES.  AEL collected post excavation soil samples for Dexil and laboratory analysis of PCBs.  Diprete onsite to conduct surveying.  AEL is setup perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY:  AEL Signature  AEL signature  AEL condicted daily H&S tallgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTF for topics discussed and issues raised.  ISSUES/CHANGES/RESOLUTIONS:  (VSILORS ON Site: N/A  Visitors On Site: N/A   EQUIPMENT/MATERIALS RECEIVED:  EQUIPMENT/MATERIALS RECEIVED:  AEL signature  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL contacted Veolia sever (John Ayotte) and 320E excavators  AEL con					1	Joseph Dreba	um	1
SubContractor No. Company/Firm  1 Diprete  8 Total Personnel On Site  Walor Equipment:  1 support truck, Bobeat 2890 skid steer, CAT 320C and 320E excavators  2 rolls of 40-mil Nilex  Carbon filtration system  Continued inportation of processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Work COMPLETED:  Continued importation of processed gravel for final cover material. About 180 tons delivered and emplaced onsite.  Mirafi 180N emplaced on the northern side of the site. About 8,100 square feet emplaced and covered with processed gravel.  Impermeable liner emplaced on south/central portions of site; approximately, 10,995 square feet.  All contacted Veolia sewer (John Ayotte) about locating three sewer manholes located along the northern property boundary. SES being instructed to hold covering the easement until finding the manholes and raising. A change request, forthcoming, would be issued by SES, reviewed and approved by BASF prior to any manhole work by SES.  AEI collected post excavation soil samples for Dexsil and laboratory analysis of PCBs.  Diprete onsite to conduct surveying.  AEI step perimeter dust monitors. No dust alerts observed.  HEALTH & SAFETY.  AEI signature  AEI signature  AEI signature  AEI signature  AEI signature  AEI condictied daily H&S tailgate mediaga to-review work scope and safety precautions/)SAs associated with safe work practices. See SES SMSP/PTF for topics discussed and issues raised.  SSSUES/CHANGES/RESOLUTIONS:  VA			The state of the s	313	1	-		
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ISSUES/CHANGES/RESOLUTIONS:  N/A  DISCUSSIONS/CLIENT DIRECTION:	Impermeable li AEI contacted instructed to he reviewed and a AEI collected p Diprete onsite t AEI setup perin HEALTH & SA AEI has reviewe procedures and	Veolia old co- ipprov ost ex co con neter ed SE	mplaced on south/central portions asswer (John Ayotte) about locating vering the easement until finding and by BASF prior to any manhole accavation soil samples for Dexsil and duct surveying.  dust monitors. No dust alerts observers.	of site; approximation of site; approximation of three sewer matthe manholes and work by SES.  Indicatory analysis of the served.	ntely, 10,995 squ nholes located ald raising. A change rsis of PCBs.	ong the northern	n property boundary oming, would be iss	SES being sued by SES,
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DISCUSSIONS/CLIENT DIRECTION:	SWP/PTP for to	pics d	liscussed and issues raised.	W Work Scope and	sarcty precaution	sy John associate	o with sale work pr	actices. See SES
DISCUSSIONS/CLIENT DIRECTION:	SSUES/CHAI	NGES	/RESOLUTIONS:					
	N/A							
VA		S/CLI	ENT DIRECTION:					
	V/A							

STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



# DAILY WORKSHEET

Date: //- 2 7 - / 8						Project N	lumber: 18-0315
CLIENT / SITE INFORMAT	ION						<u> </u>
Name: BASP			.,				
Address: 180 Mil (	5>						
CRANSTON R	$\overline{\mathcal{I}}$						
Contact:							
PROJECTS NOTES							
MOD TO SITE.	H35	TA	<u>//C.</u>	52	101	P Roll	OUT FABRIC AND COURT
WITH PROSSES GR	OUEL.	[A	400	TL	NOB)	r Ab	OUT FABRIC AND COURT OUT 50% LIVER. CLEAR UP
PRRP FOR MARE	LINE	n,	mal	2/2	nck	10 50	Hor
LABOR						MATERIA	ALS / EQUIPMENT / TOOLS
Name	Position	Travel		Off-Site	Travel	Quantity	Item / Description
B ROFE	V=5	6.30	800	15.00			PPE Level: A B C D
C. MC CANTHY	1-5	6:30	700		1537		CAT 330 (
J GOMES	OP				153=		CAT 966 LOGOTA HILLVIES
J HRPMPN	1-5				1530	1	CST SKW STREET
J LEIGHTON	OP	6,30	7:00	15:00	15.30		Roller
		-		<b>_</b>		. 1	CAT 300 SRS
		4-	<del> </del>	<b> </b>	-	2	GEN
						1	2/15015
SUBCONTRACTORS						1	ROLLOGIE CAN
			<del>_</del>				
						-	
			*				
WEATHER OBSERVATION	ONS					Project Ma	anager's Signature:
						-	* 4
						Client's Si	gnature:
-							

Project: BASF Facility Cranston, RI Date (11/27)

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page <u>'</u> of <u>©</u>)

Servicing or Ma	intenance W	ork Description		
Description of W	ork: CMI Imp	lementation Project		
Start Date / Time	: (Date) (Time	e) 11/27/18 071	^	
Location of 18	0 Mill Street,	Cranston, RI	Ų į	
Work	200			
Strategic Enviro	nmental Ser	vices, Inc. (SES)		
Primary/Lead Co	mpany Name	SES		
Contact Person:	BRIAN	KOE		
Contact phone #	(508)37	6-6523		
Health and Safe	ty (H&S) Plan	n (HASP) Signatures		
briefing. All persons	ung that the HA	SP has been made available ar	nd reviewed by the individual pr	rior to entry into the site, and/or daily H&S
required daily, and a	as otherwise de	emed necessary by the Site He	alth and Safety Office B	on. Thereafter, a tailgate safety meeting is
		the contents of this HASP and	Daily Safe Work Form with Pre	Task Planning Form.
nealth and Sale	ty weeting			
Date		endee (Print)	Company	Initials
11/27		Hetner	565	Art
	Chirles	Mc Ceiting a	SES	CA
11/27	John	Games	8,53	90
1110	JOHN	LEIGHTON	SES	
11/27	Haron	ling	AEL	BCT
11/20	Bosel	Mre haun	A E Y	80
11/01			527	12
4/3	Luce 1.	mrellec	Pipret =	ELF
ham in				
6				
Visitor Log				
It is SES's policy tha	t visitors must f	urnish their own personal pro	tective equipment. All visitors a	re required to sign the visitor log and
the Designated Site S	and Safety Plan Supervisor shall	requirements. If the visitor rep also immediately notify HSC.	resents a regulatory agency co	ncerned with site health and safety issues,
Name of Visitor (F	Print)	Company Name	Date of Visit	Signature
			Date of Visit	Oignature
				1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	1.			

Project: BASF Facility Cranston, RI Date (///スラ)	DAILY SAFE WORK FORM	SES (Page <u>2</u> of <u>6</u> )

Project:
BASF Facility
Cranston, RI
Date (///27)

### DAILY SAFE WORK FORM

SES (Page <u>3</u> of <u>6</u>)

Type	of Fau	ipment/Vehicles/Motorized Equipment			
Ty.	Field So				-
/	Excava	tore	-	Roll-off Tractor Truck	_
-	Loader		2	Roll-off containers	
_	Track D	No.		Dump Truck/Triaxle	-
-				Dump Trailers	
-	Frac Ta	ale .		Pickup Utility Trucks	-
-	Genera	tor		Sump Pump	Ī
	Water E	Ruffalo	_	Trench Box	
	Sawzail			NaOH Storage Tank	
	Javvzan			Other (list)	Ť
This	vork al	SO requires the use of the	_		_
⊠ PF	ROJECT	so requires the use of the permits or doo T-SPECIFIC HASP	cume	ents checked below	ī
	CK-OL	JT, TAG-OUT PERMIT			ī
⊠ PF	RE-TAS	K PLANNING FORM	_		
□ C(	ONFINE	ED SPACE ENTRY PERMIT			Ī
□ 07	THERS	(LIST)			4
		,	_		
Antici	pated I	Project Risks and Hazards Identification	Ido	ntify the source/s used and include necessary specific	
inform	ation (S	See Daily Pre-Task Plan for day-specific info	ormat	tion)	
Used	N/A	Source	orma		_
X		Pre-work Inspection of the work site		Specific Risk or Hazard that needs to be addressed  See SES HASP	_
X		MSDS review / includes any 'new' chemic	als	MSDS Sheets Provided in HASP	_
	X	Crane Operations	uio	MODS Streets Provided in HASP	_
	X	Elevated Work	_		_
X		Environmental Conditions		See SES HASP	_
Χ		Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic	_
	X	Language / Communication Difficulties		and the season mile trucks, truck traffic	-
X		Materials to be used		See Pre-Task Plan	-
	X	Overhead Work / Rigging			-
	X	Special Equipment to be used			-
X		Trenching / Excavation		See SES HASP	÷
	X	Utilities System tie-in / restrictions			-
X		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate	-
Anticip	pated P	roject Required Precautions & Protectiv	e Me	asure Po sure that each id-tis- I Di I	-
addres	sed (S	bee Daily Pre-Task Plan for day-specific info	ormat	tion)	
Need X	N/A	Area		Specific measures that are required	_
^	V	Access & Egress Plans (People & Equipr	ment)	To be developed on site with SES work crew	ī
	X	Barricades needed			7
	X	BASF equipment / materials to be used			
	X	Electrical safety equipment required			7
(	^	Elevator use			
(		Emergency Equipment	-	See SES HASP	7
`	X	Emergency Plans / Emergency Responde	er	See SES HASP	
(	^	Fall protection			
•	X	First Aid / Medical Treatment provisions		See SES HASP	
-	X	HOT WORK Procedure requirements			J
	X	HVAC System requirements			
		LIVE TO EAR INLA DECCACITO COCURO MONTO			-

Project: BASF Facility Cranston, RI Date (///272)

# DAILY SAFE WORK FORM

SES (Page <u>Ӌ</u> of <u>彡</u>)

	X	Scaffolds / decking	
X	-	Temporary electrical power	See OFFI WAR
	X	Temporary Utilities services	See SES HASP
X		Trench / Excavation Boxes	See SEC HASS
		Other Requirements	See SES HASP

		ersonal Protective Equipment (PPE) Identify the s	□ Work	Drovide	
YES	NO	ITEM	WOIK		
X		Hardhat (either) ☐ Fiberglass ☒ Plastic	YES	NO	Item
Χ		Safety Classes AND		X	Rain Suit
	v	Safety Glasses, ANZI-rated, side shields		X	Ol i i a i a i a i a i a i a i a i a i a
	X	Goggles ☐ Chemical ☐ Dust		X	
	X	Faceshield	X	-	Personal Fall Protection Equipment
X		Hearing Protection ⊠ Plugs ☐ Muffs	_	H.	Gloves ⊠ Chemical □ Work
			X	1	Long sleeve shirt and steel toed boots with steel shank
	X	Respirator   Half-mask  Full-face	X		D .
	X	Dust Mask	- 1	v	- Nubbei & Other
	X	Fire Retardant Electrical Clothing		X	Welding Protection
Х	1	Eyewash Station		X	Retrieval System for Confined Spaces
Х			X		Mobile phone or radios
^		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	X	_	High-visibility, reflective vest

		uirements	
Need	N/A	Area	
X	NA	BASF Safety Orientation (if required)	
X		MSDS Reviews	
X		Review of precautions listed above per SES HASP	
X	-	Review of required PPE	
	27	Other training (specify) –	
	100		
	15 = 1		

Project:
<b>BASF Facility</b>
Cranston, RI
Date (1/ /27)

SES (Page <u>§</u> of <u>«</u>)

STRATEGIC ENVIRONMENTAL SERVICES		LOCATION: 180 Mill Street,	DATE	
PRE-TASK PLAN (PTP)	SES SUPERVISOR: BRIAN ROIE	Cranston, RI	11/27	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	List (Check off AND Circle today's activities)  Task 1 - Permitting
	Task 2 – Mobilization/Site Prop/Read 8 P
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls  Task 3 – Excavation/Decontamination/Soil Stock Biling # Local Installation/Erosion Controls
]	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management Task 4 – Transportation and Disposal of Contaminated Material
1	Task 5 – Backfilling and Grading/Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement  Task 6 - Demobilization

	ential Hazards, and F				
Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)	
	3	Chemical Hazards	NA□ Low□ Medium⊠ High□		
	3,4,5	Dust/Fumes/Particulates		B1 Chemical: JSA 10	
×	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6	
	3,4,5,6		NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs	
		Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs	
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs	
	1,3,4,5,6	Severe Weather	NA□ Low□ Medium⊠ High□		
X	3,4,5,6	Walking/Working Surfaces		B6 Severe Weather: All JSAs	
П	456		THE COWN MEDIUM MIGHL	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7	
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's	
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA	
	4,5	D ( ) law		5,6,9	
	1,0	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and	
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	Work Areas; JSA 1,3,4,7	
d	2.4.0.4		Jest Lows Mediding Algae	B15 Overhead Hazards: JSA 2,5,6	
×	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA	
X	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	D10 Harris Mark	
]	5,6	Trenching/Excavation	NIA)571 1	B18 Heavy Machinery: JSA 4,5	
_		• • • • • • • • • • • • • • • • • • • •		B19 Trenching/Excavation: JSA 4,5,6,8	
	1,3,4,5,6	Vehicle use	ALIACO I COLLEGE COLLE	B20 Vehicle Use: All JSA	
	2,3	Work near/on water	NIA 52 L S		
	4,5			B21 Work Near/On Water: JSA	
	1,2	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4	

BASF Facility Cranston, RI Date (11727)		DAILY SAFE	DAILY SAFE WORK FORM			
	4,5	Elevated heights (>4ft)	T			
	5,6		NA□ Low⊠ Medium□ High□	B23 Working from Heights (>		
	4,5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4		
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered		
58-		Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9  B25 Electrically Powered		
	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools:		
	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	JSA 9  B1 Chemical: JSA 4		
<b>X</b> I	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material		
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	Handling/Ergonomics: JSA 2,6,7,9		
]	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs		
	3,5,6	Ticks, mosquitos		B32 Plants and Animals; All JSAs		
	1,3,4,5,6	Employees working	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA		
1	Note: A single ha	learly/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs		
escriptio		azard may be listed under several a coverall ranking.  Activities, And Associated Health				
		The state of the s	and Safety Risks and Protective	Procedures/Equipment:		

	-1		Project Information				
Name							
Location		180 Mill Street, Cranston, RI (Lot 1102)					
DEM Perm	DEM Permit No. 18-0048/RIR101724						
Site Owner  Name Joseph Guarnaccia  Phone 973-245-5269  Loseph guarnaccia							
Site Opera	itor	Name Brian Roe	Phone	Joseph.guarnaccia@basf.com  Email broe@strategic-es.com			
			nspection Information	3.55@50000gi0-63.60iii			
Inspector I	Name	Name Aaron C. Ting	Phone 978-577-7138	Email			
Inspection	Date	11/27/18	Start/End Time	ating@aeiconsultants.com			
Inspection		Contract A Contract		0800-0830			
- UW	eekly U Pre-st		ng storm event Post-storm	event Other			
Last Rain E	Event		Weather Information				
		Duration (hrs): 9	Approximate Rainfall (	(in): 1 7			
Rain Gauge On-site we	e Location & Sou		representation (	m). 1, Z			
	time of this insp						
		Cloudy, 3	90F				
		11.					
Check state	ement that applie	on than alone and 1.1					
DILECK State	ement that applie	es then sign and date	e below:				
☑ I, as the	designated Inspe	ector, certify that this	s site has been inspected as req	uired by regulation and I have			
letermined	that maintenand	ce and corrective act	ions are not required at this tim	e.			
nade the d	etermination tha	t the site requires co	s site has been inspected as req	uired by regulation and I have corrective actions are noted withi			
his inspec	tion report.	a mo one requires ce	orrective actions. The required of	corrective actions are noted within			
	Print Name	l eine					
nspector:	Aaron C. Ting	Sigi	nature	Date			
O. P. Y.	Autor C. Tilly		2	11/27/18			
he Site Or	erator acknowle	dage by his/hor sign					
	STOTIC GCKIIOWIEG	ues mai an recomme	ature, the receipt of this SESC				
f all such o	corrective action	s must be made in th	nis inspection report per applica	ble completed and documentation			
	0	Sign	ature	Date			
Ingrator:							
Operator:	BRIAN K	013		21/15/10			

#### Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; if 'Yes', please detail action required)
1	Construction Site Exit including decontamination pad	RIDOT Standard Specifications RI Soil Erosion and Sediment Control Book	MaYes □No	see prote	- Total action required;
2	Project-wide including material stockpiles	Perimeter – compost filter socks (RIDOT 9.2.0); Stockpiles – haybales (RIDOT standard specification 206, 212)	⊠Yes □No	secondo 109	
3	Project wide including material stockpiles	RI SESC Handbook  Water for dust control/cover stockpiles  RIDOT Standard Specification/RISEC Handbook	<b>Ø</b> Yes □No	wet weather so no use of water for duct control during inspection	
4	Adjacent Roads	Roads adjacent to construction site shall be clean at the end of each workday	ØYes □No	serpinoti	
5	Project-wide	Pickup construction trash/debris	ØLYes □No		
6	Project- wide	Spill prevention/spill containment measures	∄Yes □No	1	
7			□Yes □No		
8			□Yes □No		

SESC Plan Inspection Report

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#### **General Site Issues**

Below are some general site issues that should be assessed during inspections. Please customize this list as needed for conditions at the site.

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	⊠Yes □No □ N/A	see proto	
2	Are appropriate limits of disturbance (LOD) established?	⊠AYes □No □ N/A	1	
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ÆN/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No ☑ N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No ☑ N/A		
6	Were all exposed soils seeded by October 15 <sup>th</sup> ?	□Yes □No  Ø N/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No  Ø N/A		
8	In instances where adequate vegetative stabilization was not established by November 15 <sup>th</sup> , have non-vegetative erosion control measures must be employed?	□Yes □No ≰ N/A		
9	If work is to continue from October 15 <sup>th</sup> through April 15 <sup>th</sup> , are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No X1 N/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	□Yes □No ⊠N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No Ø N/A		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No ÆIN/A		

SESC Plan Inspection Report

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	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No ØAN/A		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No  ☑ N/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No ≰N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	©XYes □No □ N/A	seepith 109	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	⊠Yes □No □ N/A	1	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ØLN/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes □No ⊅ N/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin?  [Exception: frozen conditions]	□Yes □No Ø N/A		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes □No pa\ N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes □No ☑ N/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	□Yes □No □XiN/A		
24	Has the site operator taken steps to prohibit the following pollutant discharges on the site?			
а	Contaminated groundwater,	✓Yes □No □ N/A	see than	

SESC Plan Inspection Report

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	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
b	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	□Yes □No ⊠ÁN/A		and morade location/station)
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	□Yes □No 1⁄4 N/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	Xi(Yes □No □ N/A	see photo	
е	Soaps or solvents used in vehicle and equipment washing.	MYes □No □ N/A		
f	Toxic or hazardous substances from a spill or other release.	∕aYes □No □ N/A	~	
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	AYes □No □ N/A	1	
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No ØLN/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	Ø¥es □No □ N/A	see photo	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	ØYes □No □ N/A		
29	Are all chemicals and hazardous waste materials stored properly in covered areas and surrounded by containment control systems?	Ø⊈Yes □No □ N/A		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	ДYes □No □ N/A		
31	Are allowable non-stormwater discharges being managed properly with adequate controls?	ØYes □No □ N/A		
32	Is the site operator properly managing groundwater or stormwater that is removed from excavations, trenches, or similar points of accumulation?	⊈Yes □No □ N/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	© N/A	4	

SESC Plan Inspection Report

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Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
exposed to stormwater?			
Are stockpiles located within the limits of disturbance?	⊠Yes □No □ N/A	seu photo	
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	ØYes □No □ N/A	<b>V</b>	
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	□Yes □No ⊠N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	⊠Yes □No □ N/A	wet weather so limited read for water to carry dust duing many	bes
Are designated washout areas (such as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	⊠Ýes □No □ N/A	scepness los	
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	Ø⊈Yes □No □N/A	1	
(Other)			

INSPECTION DATE:	ir.	12	10	
INSPECTION DATE:	11	(-t)	18	

CPROJECT: Cranston, RI

**General Field Comments:** 

#### **Photos:**

#### Photo #: 1



#### Station: North Site

Description: Decontamination pad located on Lot 2682 and temporary stockpiles covered by poly.

#### Photo #: 2



#### Station: Northeast Site

Description: CFS located along northeast property boundary. Wedge cut made in front of CFS is needed to emplace the final 2-feet of cover material.

Photo #: 3



Station: East Site

Description: CFS located along eastern property boundary adjacent to riverway.

Photo #: 4



Station: Northeast Site

Description: Fractionation tanks to manage onsite groundwater removed from excavations.

Photo #: 5



Station: Southwest Site

Description: Staked silt fence along southwestern portion of the site adjacent to riverway.

### BASF 180 Mill Street, Lot 1102 Cranston, RI

11/27 Tuesday

Date	Name	Company Name	Time In	Time out
11/27	J. Hetner	SES	0700	1.00
11/27	c on colthy a	SES	0703	1500
11/27	John Gome	SES	700	1330
11/27	JOHN LEIGHTON	SES	700	1500
11/27	Joseph Noebuna	AET	700	14:45 2
11/27	Aaron Ting	AET	0700	1530
11/27	BRUC	505	08:00	1500
1/27	Earle Tammelleu	Dipr-Ke	05,00	10:00
		,	4	

#### DAILY PROJECT REPORT

		DAILY	PROJECT REPO	DRT		A F- I	
Project:	BASE	, Lot 1102	Submitted By:	: Aaron C. Ting		ALI	
	180 1	Mill Street	Signature	-	1	Consultants	
	Crans	ston, RI	Date:	11/28/201	8	Consultants	
						<del></del>	
	was no			Daily	750	120 Silv (Gra)	
	weat	her: Cloudy		Precipitation:	0"	Temp: 43-34 (Hi - low)	
PERSONNEL	/EOU	IPMENT				(HI - 10W)	
Contractor	No.			Owner/Represer	ntative: N/A		
	1	Superintendent	SES				
§		Foremen	SES	1			
		H&S/QA Officer	- 6	AEI Personnel: A	Aaron Ting	1	
	1	Operators	SES		Joseph Drebaum	1	
	2	Laborers	SES	1			
		Other Trades (Surveyor)		1	22		
		-		1	()		
SubContractor	No.	Company/Firm			(i <del></del>		
		, and the same of		Visitors On Site:	N/A		
					V		
	_			1			
	_			1	11		
	7	Total Personnel On Site		1	N-		
MAJOR EQUI	PME	NT:			EQUI	PMENT/MATERIALS RECEIVED:	
1 support truck	k, Bob	cat 289D skid steer, CAT 320C	and 320E excavators				
CAT 996H Loa	der, 5	and 1 micron filters, vibratory	roller				
carbon filtratio	n syst	em					
2-trash/recycli	ng bin	s, 2-100 yd rail cars, 1-21,000	gallon frac tanks				
4,000 gallon b	affle,	10,000 gallon,and 20,000 gallo	n frac tanks				
WORK COMP							
Continued imp	ortatio	on of processed gravel for final	cover material. Abou	ut 305.3 tons deli	vered and emplaced	d onsite.	
Mirafi 180N en	nnlace	d on the northern side of the s	ite About 8 100 squ	are feet emplace	d and covered with	processed gravel. About \$ % of total !	ضاره
i ili dir 100it cii	ipiacc	a off the florthern side of the s	covered to de	ate ACT 11/2	8/18 CL	processed graver. Technique 16 cm	3110
Redigging of s	oils wi	thin floodway. About 4 yards	of Type 2A soils and 2	25 yards of Type	1B soils removed.	1B soils used as onsite backfill and	
				disposal facility is	n Johnston, RI. AE	Collected post excavation soil	
samples for De	exsil a	nd laboratory analysis of PCBs.					
AFI setup peri	meter	dust monitors. No dust alerts	observed				
ALI SCUP PCI	meter	dust monitors. No dust alerts	observed.				
HEALTH & SA	AEET						
		S's Safe Work Form/Pre-Task	Plan for today, and ve	erifies, by signing	helow, that these o	locuments comply with the	
		tent of SES's HASP "	rion to today, one re	simes, o, signing	ocion, alac alasc c	occinent compi, more are	
	_						
AEI Signatur			_				
SES/AEI condu	ected (	daily H&S tailgate meeting to	eview work scope and	d safety precautio	ns/JSAs associated	with safe work practices. See SES	
SWP/PTP for t	opics	discussed and issues raised.					
TECHES/CHA	NGE	S/RESOLUTIONS:					
N/A	IIIOL	S/RESOLUTIONS.					
DISCUSSION	IS/CI	IENT DIRECTION:					
N/A	,						
enters.							
1							

362 Putnam Hill Road
Sutton, Massachusetts 01590

Sutton, Massachusetts of Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



# **DAILY WORKSHEET**

Date: /// /8 // /8						Project	t Number: 18-0315
, ,							16 16 16 16 16 16 16 16 16 16 16 16 16 1
CLIENT / SITE INFORMA	TION						
Name: BASF							
Address: 180 Mil	155	_					
CRANSTON 1	RT.						
Contact:				·			
PROJECTS NOTES MA	hID	Cit	72	Ald	ς	PA	BOLLAY OUT MARE FABRE 8,100
INPORT (I) LODG	5 20	1000	P 1	2000	) N	1212/12	16. LAY OUT MARE FALAR 8,100
FFINCE DIETWERN	Prop	CAT 10	<u> </u>	C 10	RC	+SPA	RADIC CRIH4980 25705
AND CRIL 462 4051		0.011	<del>-)</del>	6/12	//~	0~ 511	12 KRDIGCHIHE 480 25 705
		<del>, , , , , , , , , , , , , , , , , , , </del>					
					~		
LABOR						MATER	IALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	
BROR	F5			15:30	_	-	PPE Level: A B C D
C MCANTHY	FI	6:30	700	15:30	1610	/	CAT 320 (
I HEFNEL	FT			1537			CAT 966 LOADER WILLIER
I GOMPES	OP	_		1530			CAT SKID STERR
TLEIGHTON	UP	6:30	7.0	15130	160	1	Rallen
						1	CAT 220 SES
						ſ	TOI 12T
						2	GEN
SUBCONTRACTORS							
				Promotentary.			
WEATHER OBSERVATION	IS						
	·			***********		Project Mana	ager's Signature:
						Client's Sign	ature:

Project:	
BASF Facili	ty
Cranston, RI	
Date (///2) 3	)

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_of \_\_)

The state of the s				-
				ten de stante : eminio se de la companya del la companya de la com
Servicing or A	laintenance	Work Description		
Description of	Work CMIL	mplementation Project	and the second s	till efficiently, sparter, exter have success construction and are suitable gainst
Start Date / Tir	no. Cotal II	npiementation Project		** State of the st
Location of	te (Date) (11	me) 11/28/18 07	00	
Work	190 Will Stree	rt, Cranston, RI		
AAOIK		F		
Strategic Envi	ronmental S	ervices, inc. (SES)	-	The second secon
TOTAL VILLE OF THE PROPERTY OF	anmhanu Nion	חמי פבפ		
COUNTRICE LELEOL	i: Diccian)	K16-		
Contact phone	# /508) 2	24-6523		The state of the s
	(200)	20.0323		The second discussion of the second discussion
Health and Got	na /HOOL DI	And A second sec		Manager of properties and an amount and the committee of
		an [HASP] Signatures	-	atterija tereniji tran majalan stanom kapada (g) milian kamanan a slovika say — — — — — — — — — — — — — — — — — — —
brioring. All person	ne cattenate	Red has been made evallable and	reviewed by the individual p	offer to entry into the site, and/or daily H&S
required daily, and	as otherwise o	formed recovered to the city line	al Health and Safety Orlantati	rior to entry into the site, and/or daily H&S on. Thereafter, a taligate safety meeting is ning below, an individual certifies that he has
	CARLOR ROPLES CENTRALITY OF	e the contents of this HASP and D	in and Safety Officer. By sign	ning below, an individual certifies that he has
Health and Safi	ety Meeting	The state of the s	day ause work Form with Pre	-Task Planning Form.
Date	Name of A	ttendee (Print)		And the second s
11/28	B Ru	1.16	Company	Initials
11/20	1		SES	BC
1	THE	TUTE	SFG	2119
1 28	T-70164	Dierhan	1-2-	010
4/ 21	Chailes	MC/ Fly IL	3,25	len
111/8	Haver	Tine	IAST	ACT
(1/18	1305	The fock	SES	1 22
1/27	John	Garaes	273	129
		EXT. SAC.	1 363	769
Mark a series				
	-	- A STATE OF THE S		
		Appellation and the second		
	100			Residence of Francisco
			THE PART HARDEN STREET, STREET	
	For the Although E			
eltor Log				
The state of the s	to a recommendation of			
	American stimut	turnish their own personal protec	tive equipment. All victors	are required to sign the visitor log and
	The same of the same	requirements. If the visitor ropro	sents a regulatory agency c	oncerned with eits health and safety issues,
great of Visitor (P		The state of the s		
	Kully .	Company Name	Date of Visit	Signature
THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM				
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Project: BASF Facility Cranston, Ri Date (1//2)	DAILY SAFE WORK FORM	SES (Page of)

Project:
<b>BASF Facility</b>
Cranston, RI
Date (1//28 )

SE	ES	
(Page _	_ of _	_)

-0-0	- (1//0		-			
Type	of Equ	ipment/Vehicles/Motorized Equipment				
	Field S		1			
9	Excava	tors		Roll-off Tractor Truck		
	Loader			Roll-off containers		
	Track D	lozer		Dump Truck/Triaxle		
		eer Loador		Dump Trailers		
	Frac Ta	nk l		Pickup Utility Trucks		
	Genera	tor	2	Sump Pump		
	Water E	Suffalo		Trench Box		
	Sawzail			NaOH Storage Tank		
				Other (list)		
This	work al	SO requires the use of the				
₹ PF	ROJEC	so requires the use of the permits or door I-SPECIFIC HASP	cume	ents checked below		
		IT, TAG-OUT PERMIT				
PF	RE-TAS	K PLANNING FORM				
CC	ONFINE	D SPACE ENTRY PERMIT				
TO	THERS	(LIST)				
	TILITO	(LIOT)				
ntici	nated I	Project Bisks - 111				
form	ation /S	to Daily Dry Taris Diversification	Ide	ntify the source/s used and include necessary specific		
sed	N/A	ee Daily Pre-Task Plan for day-specific info	ormal	ion) specific		
oou	IVA	Source		Specific Risk or Hazard that needs to be addressed		
		Pre-work Inspection of the work site	V = V 4 V 5	See SES HASP		
	х	MSDS review / includes any 'new' chemic	als	MSDS Sheets Provided in HASP		
	X	Crane Operations		THE STATE OF THE S		
-	^	Elevated Work				
		Environmental Conditions		See SES HASP		
	Х	Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic		
	^	Language / Communication Difficulties		To see on the trucks, truck traffic		
	v	Materials to be used		See Pre-Task Plan		
-	X	Overhead Work / Rigging				
	Х	Special Equipment to be used				
-	~	Trenching / Excavation		See SES HASP		
	X	Utilities System tie-in / restrictions				
<u></u> l		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate		
nticip	pated P	roject Required Precautions & Protective	e Me	Boures Be sure that each identified Did		
ui Co	300 10	ee Daily Pre-Task Plan for day-specific info	rmat	Be sure that each identified Risk or Hazard is ion)		
Jeu	N/A	Area		Specific measures that are required		
	-	Access & Egress Plans (People & Equipm	nent)	To be developed on site with SES work crew		
	X	Barricades needed		TO STORE WILL SES WORK CREW		
	X	BASF equipment / materials to be used				
	X	Electrical safety equipment required				
	X	Elevator use				
		Emergency Equipment		See SES HASP		
		Emergency Plans / Emergency Responde	r	See SES HASP		
				OCC SES MASP		
	Х	Fall protection				
	X	Fall protection				
	X	Fall protection First Aid / Medical Treatment provisions	W.	See SES HASP		
		Fall protection				

Project:		
BASF Facility Cranston, RI	DAILY SAFE WORK FORM	
Date ( )	STATE OF THE STATE	

SE	S
(Page _	_ of)

	X	Scaffolds / decking	
(		Temporary electrical power	C. OFO.
	X	Temporary Utilities services	See SES HASP
	Trench / Excavation Boxes	0.000	
		Other Requirements	See SES HASP

Regu	ired Pe	ersonal Protective Equipment (PDE) Identify the			
☐ PF	E GRI	ersonal Protective Equipment (PPE) Identify the s	ource/s u	sed and	d check the appropriate boxes
YES	NO	ITEM BASI Knowledge	U VVOIK	Provide	er Knowledge
X		Mode to the control of the control o	YES	NO	Item
X		Hardhat (either) ☐ Fiberglass ☒ Plastic		X	Rain Suit
	X	Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
Chi veni i i c		Goggles □ Chemical □ Dust		X	Personal Fall Protection Equipment
	X	Faceshield	X	<del>  ``</del>	Claves 57.0
X		Hearing Protection ⊠ Plugs □ Muffs	X	-	Gloves ⊠ Chemical □ Work
			^		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator   Half-mask  Full-face	X	-	
	X	Dust Mask	^	-	Boots ☐ Rubber ☒ Other
	X	Fire Retardant Electrical Clothing		X	Welding Protection
Χ		French Chair		X	Retrieval System for Confined Spaces
X		Eyewash Station	X		Mobile phone or radios
^		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	Х		High-visibility, reflective vest

Trainir	ng Req	uirements
Need	N/A	Area
X	NA	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project:	
<b>BASF Facility</b>	
Cranston, RI	
Date (///27 )	

SE	S
(Page _	_ of)

STRATEGIC	DDO IFOT LIGHT			
ENVIRONMENTAL SERVICES	BASE Cranston/CMI Implementation	180 Mill Street,	DATE	
PRE-TASK PLAN	SES SUPERVISOR:	Cranston, RI		
(PTP)	BRIAN ROFE			
	10-10			

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	ist (Check off AND Circle today's activities)  Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls  Task 3 – Exceptation/December in the 10 th State of the
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Managemen
$\Box$	Task 4 – Transportation and Disposal of Contaminated Material
3	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	ecommended Actions or Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
\$	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
Ø	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
Ø	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
	1,3,4,5,6	Severe Weather .	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
Ø	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
风	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
8	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
×	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation: JSA 4,5,6,8
Ø	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
M.	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

Project: BASF Facility Cranston, RI Date (/// 27)		DAILY SAFE	DAILY SAFE WORK FORM		
	145				
	4,5	Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4 feet)	
	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground Utilities: JSA 1,3,4	
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered	
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered	
ØL.	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9 B26 Cutting Devices/Tools;	
	4,5	Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	JSA 9 B1 Chemical: JSA 4	
À	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9	
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs	
	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs	
	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants, Animals, and Insects; All JSA	
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	B34 Personal Safety; All JSAs	
	Note: A single ha	azard may be listed under several coverall ranking.	I Tasks. In this case, use the highe	st Severity ranking of the tasks	
Descripti	on of Any Additional A	Activities, And Associated Health	n and Safety Risks and Protection	ve Procedures/Equipment:	

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
11/28/18	B. RUE	SES	06:30	15:30
11/28/18	J. Bomes	SES	0700	1530
11/28	J Hetner	SES	0>00	1400
11 48/18	Joseph Drebung	AEI	07.60	15/30
11/28/11	Challes to "calty 10	SES	0 70 (	15-30
11/28/18	Aaron Ting	AEI	0930	1430
11/28/18	Bos Maddack	SES	1930	1010

#### DATI Y PROJECT REPORT

Project:	RASI	, Lot 1102	Cubmitted Du			AEI	
r roject.	and the second	Mill Street		Aaron C. Ting		ALI	
	Nove See	ston, RI	Signature	_	0	Consultants	
	Crui	ston, id	Date	11/29/201	.8		
				Daily			
	Wea	ther: Partly Cloudy		Precipitation:	0"	Temp: 45-37	
PERSONNEL	/FOII	TOMENT				(Hi - low)	7
Contractor	No.	AFPILIN		O			
Contractor	110.	Superintendent		Owner/Represe	ntative: N/A		-
	1	Foremen	CEC	1	-		-
		H&S/QA Officer	SES	1			
		Operators	CEC	AEI Personnel:	Comment of the Commen	1	
		Laborers	SES	-	Joseph Dreba	um 1	
		Other Trades (Surveyor)	SES	-			
1		Other Trades (Surveyor)		-			4
SubContractor	No	Company/Firm					
Subcontractor	140.	Company/Firm					-
				Visitors On Site:	N/A		4
		-		-			4
	_	<del>,</del>		-			1
		Total Davison of On City		-	-		4
		Total Personnel On Site		-	/-		
MAJOR EQUI	DME	NT.		l			
		cat 289D skid steer, CAT 320	C and 220E avenuetees			QUIPMENT/MATERIALS RECEIVED:	
		and 1 micron filters, vibratory			Excavator with	n hoe ram attachment	-
carbon filtratio			roller				4
		s, 2-100 yd rail cars, 1-21,000	) calles from tooks				4
		10,000 gallon,and 20,000 gallo					4
WORK COMP			off frac talks				
			n excavations ner FPA	request made in	November 201	8. Nine concrete samples were	-
collected by AE	1 for	PCB analysis (lab only). Hamruble wash rinse method.	mered other areas with	concrete as nee	eded. The hamn	ner was decontaminated at the end of	
Continued impo	ortatio	on of processed gravel for fina	l cover material. Abou	ıt 305.6 tons deli	vered and emplo	aced onsite.	
Mirafi 180N em	place	d on the northern side of the	site. About 5063 squa	re feet emplaced	and covered wi	th processed gravel. About 15% of	
the total site co	overed	d to date.				8	
		permeable liner emplacement	8	s using excavato	r bucket.		
AEI setup perin	neter	dust monitors. No dust alerts	observed.	and staden.	M. Erbert	cfill. SES has completed about	950, 05
HEALTH & SA	FFTY	. And The Control	Trey removes	corp oracept	and got pace	CHILL OF OLD SECURATE STOCK	the wedge
AEI has review	ed SE		Plan for today, and ver	rifies, by signing	below, that thes	se documents comply with the	cuttodate.
AEI Signature							CL CL
SES/AEI condu	cted o	laily H&S tailgate meeting to r	eview work scope and	safety precautio	ns/JSAs associat	red with safe work practices. See SES	
ISSUES/CHAI	NGES	/RESOLUTIONS:					
N/A							
	S/CL	ENT DIRECTION:					
N/A							
							II .

Sutton, Massachusetts 01590 Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com





Data 11/20/12							
Date: ///29//8						Proje	ct Number: 18-0315
		-					
CLIENT / SITE INFORMA	ATION						
Name: 13ASF							
Address: 180 MI	115	7					
CRANSTON RJ							
Contact:							
PROJECTS NOTES MO	010	507	R	43	57	TAIR 1	AYOUT FABRIC INDAT (5)
LOADS OF PROUSE	5.6RAV	RI.	F	VICE.	+ 110	Elen	Along Flood Plan. AROX 120LF 44CY
HAMMER UP IN	CE11.	437	6/1	81	100	1 - NIC	1000 1-1000 P JAW. AROK 12015 44CY
OF CONCARTE IN	1211	395	- 4	20	11	24/17/16	HAMMER UP COUPLE LIB PLECES  1 UP 2 PLEAS ED CELL 459
IBAN UP TRMP	FEN	p ()	5 1	120	000	20 Min	1 UP 2 PIRES IN CRIL 459
•			0	7709	2716	/3	
LABOR					7	MATE	DIALC / FOURDATENT / TO
Name	Position	Travo	l On die	e Off-Site		8	RIALS / EQUIPMENT / TOOLS
3. ROE	ES		63	T	1	-	Item / Description
MC CANTRY	FT	630		-	152		PPE Level: A B C D
[ LEIGHTON	OP	1	1	1	153		CAT 326 N
GOMES	OP		H	H	15.3		CAT 966 HILLVIEW
HEFNER	FI	L			15:3		CATSRIA
01116		-	14-	1	153	J	Rollin
		-		<del> </del>	╂	1	CAT 320 SES
	<b></b>	-	-		├	2 .	GEN
SUBCONTRACTORS	<u></u>					//	TOURT
						1	Roll 0872
						<u>i</u>	CAT 372 W HAMMIR
VEATHER OBSERVATION	S			•			**
						Project Mana	ager's Signature:
						Client's Sign	ature:
		THE CONTRACTOR					

Project:
<b>BASF Facility</b>
Cranston,/RI
Cranston, RI Date (1/12/1)

### DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_ of \_\_)

Servicing or Maintenance Work Description										
Description of Work: CMI Implementation Project										
	Start Date / Time: (Date) (Time) 11/29 18 6710									
Location of	180 Mill Street, C	ranston, RI								
Work										
Strategic Env	rironmental Serv	ices, Inc. (SES)								
Primary/Lead	Primary/Lead Company Name: SEŞ									
Contact Perso	on: RRIPN	ROR								
Contact phone	e# (507) 72	6-6573								
	19 - 33									
Health and Sa	afety (H&S) Plan	(HASP) Signatures	:		2					
Sign-off sheet at	ttesting that the HAS	P has been made availa	ble and reviewe	d by the individual pr	ior to entry into the site, and/or daily H&S	3				
briefing. All pers	sonnel participating i	n the project must recei	ive initial Health	and Safety Orientation	on. Thereafter, a tailgate safety meeting is					
read, understoo	d, and will observe th	ned necessary by the S ne contents of this HAS	P and Daily Safe	Mork Form with Pre-	ing below, an individual certifies that he	nas				
	afety Meeting	ie contents of this fiad	and Dany Gare	Work Form Willi Fie	rask Flammig Form.					
Date	Name of Atte	ndee (Print)		Company	Initials	-				
11128	13 P.1	-		< 3 C	IIIIdais					
1100	7 15	SHION		58						
11 301				NES-	120					
1/29	Hetn	NAME OF TAXABLE		Cies	136	(88)/_19				
11/24	C. Milli			3 F C	- O.Z.					
11/2	C. Mici	1149		3						
11/29	Josef	Ilrebulm 1-1		115-	7					
11/29	bertell	Messer Sta		11-12-1	jun	-				
				CONTRACTOR CONTRACTOR						
		Company of the second								
			<b>_</b>	<u></u>						
		W		la company						
Visitor Log					CONTRACTOR OF THE CONTRACTOR O					
comply with Hea	alth and Safety Plan	equirements. If the visit	tor represents a		are required to sign the visitor log and oncerned with site health and safety issue	es,				
		also immediately notify	/ нас.	Doto of Mait	Cianatura					
Name of Visite	or (Print)	Company Name	+	Date of Visit	Signature					
	·		<del> </del>	<u> </u>						
			+							
			<u> </u>							
			-							

Project: BASF Facility Cranston, RI Date (/////   )	DAILY SAFE WORK FORM	SES (Page of)

Project:
<b>BASF Facility</b>
Cranston, RI Date (///2/)
Date (///29/1)

SE	ES	
(Page _	_ of _	_)

	11/		and the second s		
Type	of Ea	uipm	ent/Vehicles/Motorized Equipment		
					Roll-off Tractor Truck
_	Excav				Roll-off containers
_	Loade				Dump Truck/Triaxle
_	Track		r		Dump Trailers
_				V	Pickup Utility Trucks
	Frac T		Loudel		Sump Pump
_	Gener	_		$\overline{\Box}$	Trench Box
	Water		alo		NaOH Storage Tank
	Sawza			<u>K</u>	
	Jawza	all		7	The state of the s
This	work	also	requires the use of the permits or do	ocum	ments checked below
			PECIFIC HASP		
			TAG-OUT PERMIT		
			PLANNING FORM		
			SPACE ENTRY PERMIT		
	OTHER				
Δnti	cinate	d Pro	piect Risks and Hazards Identificatio	n Id	Identify the source/s used and include necessary specific
infor	mation	(See	e Daily Pre-Task Plan for day-specific in	nform	rmation)
Use			Source		Specific Risk or Hazard that needs to be addressed
X	4 11/1/		Pre-work Inspection of the work site		See SES HASP
$\frac{\lambda}{X}$	-	1	MSDS review / includes any 'new' chen	nicals	MSDS Sheets Provided in HASP
	X		Crane Operations		
	X		Elevated Work		
X	<del>-   ^</del>		Environmental Conditions		See SES HASP
$\frac{\hat{x}}{x}$	_	-1	Heavy Powered Mobile Equipment Use	)	Excavators to load soil into trucks, truck traffic
^_	X	- 1	anguage / Communication Difficulties		
Х	- ^		Materials to be used		See Pre-Task Plan
^	X		Overhead Work / Rigging		
	X		Special Equipment to be used		
Х	<u> </u>		Trenching / Excavation		See SES HASP
_	X		Utilities System tie-in / restrictions		
X	^		Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate
Ant	ticinat	ed Pr	oject Required Precautions & Protect	ctive	re Measures Be sure that each identified Risk or Hazard is
ado	resser	d (Si	ee Daily Pre-Task Plan for day-specific	infor	ormation)
Ne		V/A	Area		Specific measures that are required
X	-	ar t	Access & Egress Plans (People & Eq	uipm	ment) To be developed on site with SES work crew
-	,	X	Barricades needed		
_		X	BASF equipment / materials to be use	ed	
-		X	Electrical safety equipment required		
_		X	Elevator use		
X			Emergency Equipment		See SES HASP
X	-		Emergency Plans / Emergency Resp	onde	der See SES HASP
^		X	Fall protection		
X	- +	^	First Aid / Medical Treatment provision	ons	See SES HASP
^	-	X	HOT WORK Procedure requirements		
-		<u>^</u>	HVAC System requirements	***************************************	
-			LINE-BREAKING procedure requirer	ments	nts
		X	LINE-BREAKING Procedure requirer		

Project:
<b>BASF Facility</b>
Cranston, RI
Date () // 39 )

SE	ES	
(Page _	_ of _	

	X	Scaffolds / decking		
X		Temporary electrical power	See SES HASP	
	X	Temporary Utilities services	- COUNTY THAT	
X		Trench / Excavation Boxes	See SES HASP	
		Other Requirements	OS OLO IIAOI	

Requ	ired Pe	ersonal Protective Equipment (PPE) Identify the s	ource/s u	sed and	d check the appropriate by
	PE GRI	D ⋈ MSDS ☐ BASF Knowledge	□ Work	Provide	
YES	NO	ITEM	YES	NO	r Knowledge
X		Hardhat (either) ☐ Fiberglass ☒ Plastic	ILO		
X		Safety Glasses, ANZI-rated, side shields		X	Rain Suit
	Х		<del></del>	X	Chemical Suit ☐ Jacket ☐ Pants
	X	- Dust		X	Personal Fall Protection Equipment
-	^	Faceshield	X		Gloves ⊠ Chemical □ Work
X		Hearing Protection ⊠ Plugs □ Muffs	х		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator   Half-mask  Full-face	X	1	
	X	Dust Mask	<del>  ^ -</del>	v	Trapper & Other
	Х	Fire Retardant Electrical Clothing	_	X	Welding Protection
X	-			X	Retrieval System for Confined Spaces
		Eyewash Station	X		Mobile phone or radios
Х		Tyvek Suits	X		Insect repellent, sunscreen
		Other PPE (list)	Х		High-visibility, reflective vest

Trainii	ng Requ	uirements
Need	N/A	Area
X	MA	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
-		Other training (specify) –
G.		

Project: BASF Facility Cranston, RI Date (////////////////////////////////////	DAILY SAFE WORK FOR	SES (Page of)	
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street, Cranston, RI	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR: BRIAN ROTE	1	- L.

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

Task L	ist (Check off AND Circle today's activities)
	Task 1 - Permitting
	Task 2 – Mobilization/Site Prep/Road & Decontamination Road Installation/Erosion Controls
$\mathbf{Z}'$	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 – Transportation and Disposal of Contaminated Material
1	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement
	Task 6 - Demobilization

Today's Activities (Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
<b>Z</b> /	3	Chemical Hazards	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
V V	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
Ø	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	B5 Cold; All JSAs
	1,3,4,5,6	Severe Weather ,	NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
	3,4,5,6	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
	4,5,6	Noise	NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and Work Areas; JSA 1,3,4,7
	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: JSA 2,5,6
Q	3,4,5,6	Traffic Management (Vehicle, pedestrian interference)	NA□ Low□ Medium⊠ High□	B17 Traffic Management: All JSA
N/	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Heavy Machinery: JSA 4,5
	5,6	Trenching/Excavation	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation:JSA 4,5,6,8
R,	1,3,4,5,6	Vehicle use	NA□ Low⊠ Medium□ High□	B20 Vehicle Use: All JSA
d	2,3	Work near/on water	NA⊠ Low□ Medium□ High□	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4 feet)

Project: BASF Facility Cranston, RI Date (///29)		DAILY SAFE	SES (Page of)	
	4,5			
		Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Heights (>4
	5,6	Overhead/underground utilities	NA□ Low□ Medium⊠ High□	B24 Overhead/Underground
	4,5,6	Powered hand tools	NA□ Low⊠ Medium□ High□	Utilities: JSA 1,3,4 B25 Electrically Powered
	4,5,6	Electrically powered equipment	NA□ Low⊠ Medium□ High□	Equipment and Tools: JSA 9 B25 Electrically Powered
D.	4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA 9 B26 Cutting Devices/Tools;
	4,5	Drums, cylinders,	NA□ Low⊠ Medium□ High□	JSA 9  B1 Chemical: JSA 4
×	3,4,5,6	Material handling, ergonomics	NA□ Low□ Medium⊠ High□	B29 Material Handling/Ergonomics: JSA 2,6,7,9
	3,5,6	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	B32 Plants and Animals: All JSAs
	4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	B32 Plants and Animals; All JSAs
	3,5,6	Ticks, mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants,
	1,3,4,5,6	Employees working early/late	NA□ Low⊠ Medium□ High□	Animals, and Insects; All JSA B34 Personal Safety; All JSAs
Descripti		zard may be listed under several overall ranking.	Tasks. In this case, use the highe	
Disci	ussed safety pr	activities, And Associated Health	n and Safety Risks and Protective interests who use of	re Procedures/Equipment:

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
11/29	B. Rosa	565	06:30	1500
11/29	John Gomes	SES	700	1500
11/29	JOHN LEIGHTON	SES	700	1506
11/29	J Herner	SES	7:00	1500
11/29	C M'Cartly to	SES	7:06	1500
(1/29	Joseph Nedrana	AEI	700	15:00
11/29	Doseph Nedrana Rick Konalski	AEI	7:05	14:35
4	John Comes	(5)	75	
( **				
	*			

#### DAILY PROJECT REPORT

Project:	BASE	, Lot 1102	Submitted By:	Aaron C. Ting	ACCEPT SERVICE OF	
	180 [	Mill Street	Signature:		Can to	Consultants
	Crans	ston, RI	Date:	11/30/2018	3	Consultants
				Daily		
	weat	her: Partly Cloudy		Precipitation:	<u>0"</u> T	emp: 42-29
PERSONNEL	/EOU	IPMENT				(Hi - low)
Contractor	No.			Owner/Represen	stativo: N/A	
		Superintendent		Owner/Represen	itative. IV/A	
	1	Foremen	SES			
		H&S/QA Officer	51.5	AEI Personnel: A	nuon Tina	
	- 2	Operators	SES	ALI PEISOIIIEI. A	Apple to the Section of the Section	1
		Laborers	SES		Joseph Drebaum	1
		Other Trades (Surveyor)	3E3			
		Other Trades (Surveyor)				
SubContractor	No	Company/Firm			-	
Subcontractor	140.	Company/Film		V.E11		
				Visitors On Site:	N/A	
	_					
					·	
		Total Description City				
0		Total Personnel On Site				
MAZOD FOUR	DME					
MAJOR EQUI					ACCRECATE TO THE PROPERTY OF THE PERSON OF T	PMENT/MATERIALS RECEIVED:
		cat 289D skid steer, CAT 320C			water from the contract of the	am attachment (demobilized)
72 523 735		and 1 micron filters, vibratory	roller		CAT D3C dozer	
carbon filtration		The second secon				
		s, 2-100 yd rail cars, 1-21,000				
		10,000 gallon,and 20,000 gallo	n frac tanks			
WORK COMP			th. About 74 as af asi			
RIRRC in Johns	e ioca	tion 389-399, Type 2A, 5' depi	on soil samples for PC	I removed and ter B analysis (lab on	mporarily stockpiled or	Lot 1102 for future transport to from chlorinated compounds in
soil).						
C		n of processed gravel for final		1109 ACT 11/30	0118 CL	
Continued impo	ortatio	n of processed gravel for final	cover material. Abou	t IUC. tons deliver	ed and emplaced onsit	e.
Mirafi 180N em total site cover	placed ed to	d on the northern side of the sidete.	ite. About 10,126 squ	are feet emplace	d and covered with pro	ocessed gravel. About 25% of the
2222 32 O	10					
AEI investigate	d cond	crete pipe that traverses the pr	roperty boundaries be	tween Lot 1102 a	nd Lot 2630. The con-	crete pipe did not contain any
request more in	as or i	other material and no connecti ation from Veolia sewer, when	ons or other subsurfac	ce structures were	e observed to be conne	ected to the pipe. AEI intends to
request more ii	HOITIN	adon from veola sewer, when	offsite flext Morluay, i	before capping.		1
AEI setup perin	neter	dust monitors. No dust alerts	observed.			
<b>HEALTH &amp; SA</b>	FETY					
AEI has review	ed SE	S's Safe Work Form/Pre-Task F	Plan for today, and ver	ifies, by signing b	elow, that these docur	ments comply with the procedures
and content of	SES's	HASP."				
AEI Signature						
SES/AEI condu	cted d	aily H&S tailgate meeting to	View work scope and	safety precaution	c/1SAc accordated with	safe work practices. See SES
SWP/PTP for to	pics d	iscussed and issues raised.	There work scope und	sarcty precaution	3/33A3 d33Ociated With	sale work practices. See SES
ISSUES/CHAI	NGES	/RESOLUTIONS:				
N/A						
	S/CL	IENT DIRECTION:				
N/A						

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com

# **DAILY WORKSHEET**



Date: ///30/18				Droio	ct Niverby 12
729/10	, , , , , , , , , , , , , , , , , , , ,				ct Number: 18 - 0315
CLIENT / SITE INFORMATION					
Name: BASF					
Address: 180 mill 5	7				
CRANSTON RT		FI.	<del></del>		
Contact:					
PROJECTS NOTES MOD J.	0 5177	E H	35	TAL	K. INPORT SLONDS PROSSO
SMAUGE SPARAS + COMO	act DIS	5 027 6	6/1	790	in bolles out consults + commutes
SAMPIRIZGHOLA CLANN	UP DI	nax 2	500	F Foly	Sin Poller out Business in
	, ,			7-14	Consults)
LABOR	-				
LABOR				MATER	RIALS / EQUIPMENT / TOOLS
B. ROE FS		On-site Off-Site	Travel	Quantity	Item / Description
0	53:6	3015.00	16:00	7	PPE Level: A B C D
MC CANTHY FI	1.00 7	7:30 15.00	15.3	)	CAT 320
TERISHTON OF	6.30 7	7:0. 1500	1536	2 1	CAT 966 HILLVIEW
1 GOMES OF	6.45 7.	15 1430	15.30	1	CATSKID/
	++	+	-	1	RallER
	++	+	-	1	CAT 320
		+		2	GEN
SUBCONTRACTORS				1	TOILET
				-	SBAVICE TRUCK
· · · · · · · · · · · · · · · · · · ·				<u> </u>	
T					
WEATHER OBSERVATIONS					
				Project Mana	ager's Signature:
				Client's Sign	ature:
		*			

Project:	
<b>BASF Facility</b>	
Cranston, RI	
Date (///30)	

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_ of \_\_)

Servicing or Ma	intenance Wo	ork Description		
Description of W	ork: CMI Impl	ementation Project		4
Start Date / Time	e: (Date) (Time			
Location of 18	30 Mill Street, (	1/30/18 0710		
Work	o min ou cot, t	Statiston, Ki		
Strategic Enviro	nmental Son	rices, Inc. (SES)		
Primary/Lead Co	mnany Mama:	CEC (SES)		
Contact Person:				
Contact phone #		Roa		
Contact priorie	508131	16-6573		
Health and Safe	6. (USC) DI-	With part and		
Sign-off sheet attes	ting that the HAS	(HASP) Signatures		
briefing. All persons	nel participating	in the project must receive initial Healt	ed by the individual pr	ior to entry into the site, and/or daily H&S nr. Thereafter, a tailgate safety meeting is
required daily, and	as otherwise dee	med necessary by the Site Health and	Safety Officer, By sign	in. Thereafter, a tailgate safety meeting is ing below, an individual certifies that he has
		he contents of this HASP and Daily Sa	fe Work Form with Pre-	Task Planning Form.
ricaltii and Sale	ty meeting			
Date	Name of Atte		Company	Initials
11/30	13 /21	2	565	· An
4/30		B HTO )	3FS	AL
11/38		rebaun	MEI	. 100
	J. Cor		525	08
11/30	On Day	Successor	565	PS .
11/30	15ch M	laddock	563	BIM
1/30	1 List	Marmisla	ABI	Clen
11130	Hann T		AEL	ACT
11/50	Challe	S Le Corté do	SES	CM
		/		
	l			
Visitor Log				
comply with Health	at visitors must to	urnish their own personal protective e	quipment. All visitors a	re required to sign the visitor log and ncerned with site health and safety issues,
the Designated Site	Supervisor shall	also immediately notify HSC.	a regulatory agency co	ncerned with site health and safety issues,
Name of Visitor (		Company Name	Date of Visit	Signature
V)			1	
	The state of the s	The second secon		

Project: BASF Facility Cranston, RI Date (1//30)	DAILY SAFE WORK FORM	SES (Page of)	

Project:	_
<b>BASF Facility</b>	
Cranston, RI	
Date (///37)	

S	ES	
(Page_	of	)

			-		
Туре	of Equ	ipment/Vehicles/Motorized Equipment			
Ø/	Field Se		7	D. H. CT.	
	Excavat	0.50		Roll-off Tractor Truck	
1 Oader		Roll-off containers			
	Track D	0707		Dump Truck/Triaxle	
		or land		Dump Trailers	
	Frac Tar	nk .		Pickup Utility Trucks	
_	Generat	or		Sump Pump	
	Water B	uffalo		Trench Box	
	Sawzail			NaOH Storage Tank	
	- anzan			Other (list)	
This	work als	so requires the use of the service			
⊠ PF	ROJECT	so requires the use of the permits or doc -SPECIFIC HASP	cume	nts checked below	
	CK-OU	T, TAG-OUT PERMIT			
⊠ PF	RF-TASI	K PLANNING FORM			
	ONFINE	D SPACE ENTRY PERMIT			
	THERS	(LIST)			
	· · · LI · · O	(CIOT)			
Antic	inated F	Project Picks and Hannels III at a			
inform	ation (S	ee Daily Pre-Task Plan for day-specific info	lder	ntify the source/s used and include necessary specific	
Used	N/A	Source	ormat	ion)	
X	1 1	Pre-work Inspection of the work site		Specific Risk or Hazard that needs to be addressed	
X	1	MSDS review / includes and lead to		See SES HASP	
	X	MSDS review / includes any 'new' chemic Crane Operations	cals	MSDS Sheets Provided in HASP	
	X	Elevated Work			
X	1^-				
X X	1	Environmental Conditions		See SES HASP	
	X	Heavy Powered Mobile Equipment Use		Excavators to load soil into trucks, truck traffic	
Х	^	Language / Communication Difficulties Materials to be used			
	X	Overhead Work / Rigging		See Pre-Task Plan	
	X	Special Equipment to be			
X	1	Special Equipment to be used			
	X	Trenching / Excavation		See SES HASP	
X	^	Utilities System tie-in / restrictions Other Risks or Hazards			
	nated B	Other Risks or Hazards		PCB/VOC-contaminated soils; Sodium Persulfate	
addres	pateu r	roject Required Precautions & Protectiv	re Me	asures Be sure that each identified Risk or Hazard is	
Need	N/A	ee Daily Pre-Task Plan for day-specific info	ormai		
X	+ ***			Specific measures that are required	
	X	Access & Egress Plans (People & Equipmedia Barricades needed	ment)	To be developed on site with SES work crew	
	X	BASF equipment / materials to be used	-		
	X				
	X	Electrical safety equipment required Elevator use			
Х	-		dissipation of the second		
X	+	Emergency Equipment		See SES HASP	
^	X	Emergency Plans / Emergency Respond	er	See SES HASP	
Х	1^	Fall protection			
^	V	First Aid / Medical Treatment provisions		See SES HASP	
	X	HOT WORK Procedure requirements		7	
		HVAC System requirements			
	X	LINE-BREAKING procedure requirement	S		

Project:	
<b>BASF Facility</b>	,
Cranston, Ri	1

SE	S	
(Page _	_of_	_)

	X	Scaffolds / decking	
(		Temporary electrical power	C. OFO.W.
4101 3311	X	Temporary Utilities services	See SES HASP
<u>X</u>		Trench / Excavation Boxes	See SEC HACE
		Other Requirements	See SES HASP

VE0.		ersonal Protective Equipment (PPE) Identify the s  ID	☐ Work	Provide	r Knowledge
YES	NO	ITEM	YES		
X		Hardhat (either) □ Fiberglass ☒ Plastic	150	NO	Item
X		Safety Glassos ANZI		X	Rain Suit
	X	Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust		X	Personal Fall Protection Equipment
·	^	Faceshield	X		Gloves
Х	X	Hearing Protection ⊠ Plugs □ Muffs	Х		Long sleeve shirt and steel toed boots with steel shank
		Respirator ☐ Half-mask ☐ Full-face	X		Boots ☐ Rubber ☒ Other
	X	Dust Mask		X	Welding Protection
	X	Fire Retardant Electrical Clothing		X	
X		Eyewash Station	- V	1^	Retrieval System for Confined Spaces
(		Tyvek Suits	X		Mobile phone or radios
-			X		Insect repellent, sunscreen
		Other PPE (list)	X		High-visibility, reflective vest

Traini	ng Req	uirements
Need	N/A	Area
X	NA	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project:
Project: BASF Facility
Cranston, RI
Cranston, RI Date ( ///30 )

SE	S
(Page _	_ of)

STRATEGIC ENVIRONMENTAL	PROJECT / JOB / TASK (Description):	LOCATION:	
SERVICES	BAGI Cranston/CMI Implementation	180 Mill Street	DATE
PRE-TASK PLAN (PTP)		Cranston, RI	
Note: SES Daily Report Forms	BRIAN ROFE		

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

	ist (Check off AND Circle today's activities)  Task 1 - Permitting
,	Task 2 - Mobilization/Site Prop/Base 4.9.5
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 – Transportation and Disposal of Contaminated Material  Task 5 – Backfilling and Cradina (On the Pilling Loading/ISCO/Dewatering/Liquid Management
	Task 5 – Backfilling and Grading/Contaminated Material
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement

Today's Activities	v rota	Recommended Actions of	or Procedures	
(Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
8	3	Chemical Hazards	MAD LOWE Made	
<b>V</b> /	3,4,5	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
1	3,4,5,6		NA□ Low□ Medium⊠ High□	B2 Dust: JSAs 1,2,4,5,6
	3,4,5,6	Job Zone Control	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	10 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Heat	NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
	3,4,5,6	Cold	NA□ Low□ Medium⊠ High□	A STATE OF THE STA
	1,3,4,5,6	Severe Weather		B5 Cold; All JSAs
2	3,4,5,6		NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
	N MODELS	Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	B7 Safe Walking Surfaces and
]	4,5,6	Noise	NA□ Low□ Medium⊠ High□	Work Areas: JSA 1,3,4,7
]	5,6	Live Electrical Equipment		B8 Noise: All JSA's
	17.5		NA□ Low⊠ Medium□ High□	B14 Live Electrical Equip: JSA 5,6,9
_	4,5	Poor Lighting	NA□ Low⊠ Medium□ High□	B7 Safe Walking Surfaces and
	4,5,6	Overhead Hazards		Work Areas; JSA 1,3,4,7
		Overneau nazarus	NA□ Low⊠ Medium□ High□	B15 Overhead Hazards: ISA
7	3,4,5,6	Traffic Management	NA□ Low□ Medium⊠ High□	2,5,6
		(Vehicle, pedestrian interference)	TEMPO LOW DI MEDILUM MIGIGINA	B17 Traffic Management: All JSA
	5,6	Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	D1011
7	5,6	Trenching/Excavation	NAGO Law CO. M. M.	B18 Heavy Machinery: JSA 4,5
,		MANAGE CONTRACTOR	NA⊠ Low□ Medium⊠ High□	B19 Trenching/Excavation:JSA
	1,3,4,5,6	Vehicle use	MARIE I TO A TO	4,5,6,8
iiViisveillaastvaltalua	2,3	Work near/on water	Araisz I. Santa	B20 Vehicle Use: All JSA
			Died Piedidii Died	B21 Work Near/On Water: JSA
	4,5	Elevated heights (<4ft)	NA□ Low⊠ Medium□ High□	B22 Working from Heights (<4
			22 CONTRACTOR	feet)

Uverhead/underground utilities  4,5,6  Powered hand tools  NA□ Low⊠ Medium□ High□ B24 Overhead/Underground Utilities: JSA 1,3,4  4,5,6  Powered hand tools  NA□ Low⊠ Medium□ High□ B25 Electrically Powered Equipment and Tools: Js B26 Cutting Devices/Tools  NA□ Low☑ Medium☑ High□ B26 Cutting Devices/Tool JSA 9  Drums, cylinders, containers  NA□ Low☑ Medium□ High□ B10 Chemical: JSA 4  3,4,5,6  Material handling, ergonomics  NA□ Low☑ Medium□ High□ B29 Material Handling/Ergonomics: Js 2,6,7,9  3,5,6  Poisonous/irritating plants  NA□ Low☑ Medium□ High□ B32 Plants and Animals: JSAs  3,5,6  Insects/rodents/snakes  NA□ Low☑ Medium□ High□ B32 Plants and Animals: JSAs  3,5,6  Ticks, mosquitos  NA□ Low☑ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JsAs, Animals, and Insects; All B34 Personal Safety; All Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase evaluated as the overall ranking.	Severity from Height   Severity ranking from Height   Severity ranking from Height   Severity ranking from Height   Severity ranking of the tasks   Severity ranking of tasks	Severated heights (>4ft)   NA   Low   Medium   High   Feet	ASF Facility anston, RI te ( )		DAILY SAFE	SES (Page of	
5,6  Overhead/underground utilities  NA Low Medium High B24 Overhead/Underground utilities  4,5,6  Powered hand tools  NA Low Medium High B25 Electrically Powered Equipment and Tools: 35  4,5,6  Electrically powered equipment  NA Low Medium High B25 Electrically Powered Equipment and Tools: 35  B26 Cutting Devices/Tools  NA Low Medium High B26 Cutting Devices/Tools: 35  B27 Electrically Powered Equipment and Tools: 35  B28 Cutting Devices/Tools: 35  B29 Material Handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: 35  3,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: 35  2,6,7,9  B32 Plants and Animals: 35As  4,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: 35As  NA Low Medium High B32 Plants and Animals: 35As  1,3,4,5,6  Employees working B32 Plants and Animals; Animals, and Insects; All B34 Personal Safety; All B35 Personal Safety; All B36 Pe	S,6   Overhead/underground utilities   NA   Low   Medium   High   B24 Overhead/Underground utilities   MA   Low   Medium   High   B24 Overhead/Underground utilities   SA 1,3,4	Second   S	-	4,5	Flavated height		
Utilities    NA   Low   Medium   High   B24 Overhead/Underground utilities   NA   Low   Medium   High   B25 Electrically Powered Equipment and Tools: Js	Uverhead/underground utilities  4,5,6  Powered hand tools  NA Low Medium Figh B24 Overhead/Underground Utilities: JSA 1,3,4  4,5,6  Powered hand tools  NA Low Medium Figh B25 Electrically Powered Equipment and Tools: JSA 4,5,6  Electrically powered equipment  NA Low Medium Figh B25 Electrically Powered Equipment and Tools: JSA 9  B25 Electrically Powered Equipment and Tools: JSA 9  B26 Cutting Devices/Tools JSA 9  B27 Electrically Powered Equipment and Tools: JSA 9  B28 Electrically Powered Equipment and Tools: JSA 9  B29 Electrically Powered Equipment and Tools: JSA 9  B26 Cutting Devices/Tools JSA 9  B27 Electrically Powered Equipment and Tools: JSA 9  B28 Electrically Powered Equipment and Tools: JSA 9  B29 Material Handling Devices/Tools JSA 9  B29 Material Handling/Ergonomics: JSA 4  B32 Material Handling/Ergonomics: JSA 2,6,7,9  B33 Plants and Animals: A JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals; A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals; A JSAs  NA Low Medium High B33 Plants and Animals; A JSAs  NA Low Medium High B34 Personal Safety; All JS  NA Low Medium High B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	Uverhead/underground utilities  4,5,6  Powered hand tools  NA Low Medium Figh B24 Overhead/Underground Utilities: JSA 1,3,4  4,5,6  Powered hand tools  NA Low Medium Figh B25 Electrically Powered Equipment and Tools: JSA equipment and Tools: JSA equipment  4,5,6  Electrically powered equipment  NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA B25 Electrically Powered Equipment and Tools: JSA 9  A,5 Cutting devices/tools  NA Low Medium High B26 Cutting Devices/Tools JSA 9  B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  3,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9  3,5,6  Poisonous/irritating plants  NA Low Medium High B32 Plants and Animals: Al JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals; Al JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals; Al JSAs  1,3,4,5,6  Employees working B32 Plants and Animals; Al JSAs  NA Low Medium High B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.			Lievated fielghts (>4ft)	NA□ Low⊠ Medium□ High□	B23 Working from Height
4,5,6  Powered hand tools  NA Low Medium High B25 Electrically Powered Equipment and Tools: Jie B25 Electrically Powered Equipment and Tools: Jie B25 Electrically Powered Equipment and Tools: Jie B26 Cutting Devices/Tools  4,5,6  Cutting devices/tools  NA Low Medium High B26 Cutting Devices/Tools B26 Cutting Devices/Tools B26 Cutting Devices/Tools B36 Cutting Devices/Tools B37,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: Jie B29 Material Handling/Ergonomics: Jie B32 Plants and Animals: Jie B32 Plants and Animals: Jie B33 Plants and Animals: Jie B33 Plants and Animals: Jie B34 Plants and Animals: Jie B35 Plants and Animals: Jie B37,6,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals: Jie B33 Plants and Animals: Jie B34 Plants and Animals: Jie B35 Plants and Animals: Jie B36 Plants and Animals: Jie B37,6,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals: Jie B34 Plants and Animals: Jie B35 Plants and Animals: Jie B36 Plants and Animals: Jie B37 Plants and Animals: Jie B38 Plants an	4,5,6  Powered hand tools  NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 1,3,4  4,5,6  Electrically powered equipment  NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 4,5,6  Cutting devices/tools  NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA 9  B25 Electrically Powered Equipment and Tools: JSA 9  B26 Cutting Devices/Tools JSA 9  A,5 Drums, cylinders, containers  NA Low Medium High B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  3,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9  B32 Plants and Animals: A JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSAs  1,3,4,5,6  Employees working early/late  NA Low Medium High B34 Personal Safety; All JSAs  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.	4,5,6  Powered hand tools  A,5,6  Powered hand tools  A,5,6  Electrically powered equipment  A,5,6  Electrically powered equipment  A,5,6  Cutting devices/tools  A,5  A,5  Drums, cylinders, containers  Containers  A,4,5,6  Material handling, ergonomics  A,5,6  Poisonous/irritating plants  A,5,6  Poisonous/irritating plants  A,5,6  Insects/rodents/snakes  NA Low Medium High  B25 Electrically Powered Equipment and Tools: JSA  B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  B1 Chemical: JSA 4  B29 Material Handling/Ergonomics: JSA 2  C,6,7,9  B32 Plants and Animals: Al JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: Al JSAs  JSAs  JSAs  A,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JS  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		5,6	Overhead/underground	NA□ Low□ Medium⊠ High□	1.000)
4,5,6  Electrically powered equipment  A,5,6  Electrically powered equipment  A,5,6  Cutting devices/tools  NA Low Medium High  B25 Electrically Powered Equipment and Tools: Js B26 Cutting Devices/Tools  NA Low Medium High  B26 Cutting Devices/Tools B26 Cutting Devices/Tools JSA 9  A,5  Drums, cylinders, containers  NA Low Medium High  B29 Material B26 Cutting Devices/Tools B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  A,5,6  Material handling, ergonomics  NA Low Medium High  B29 Material Handling/Ergonomics: JSA 2  B32 Material Handling/Ergonomics: JSA 3,5,6  Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: JSAs  B32 Plants and Animals; JSAs  A,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All Animals, and Insects; All Sas Plants and Animals; Animals, and Insects; All Sas Plants and and Animals, and Insects; All Sas Plants and Animals, and Insects; All Sas Plants and Animals, and Insects, All Sas Plants and Animals, and Insects, All Sas Plants and Animals, All Sas Plants and Animals, All Sas Plants an	4,5,6  Electrically powered equipment  A,5,6  Electrically powered equipment  A,5,6  Cutting devices/tools  NA Low Medium High  B25 Electrically Powered Equipment and Tools: JSA 9  A,5,6  Cutting devices/tools  NA Low Medium High  B26 Cutting Devices/Tools JSA 9  A,5 Drums, cylinders, containers  NA Low Medium High  B1 Chemical: JSA 4  B29 Material Handling, ergonomics  B29 Material Handling/Ergonomics: JSA 2,6,7,9  A,5,6  Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: A JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: A JSAs  A,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  NA Low Medium High  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.	4,5,6  Electrically powered equipment  A,5,6  Electrically powered equipment  A,5,6  Cutting devices/tools  NA Low Medium High  B25 Electrically Powered Equipment and Tools: JSA 9  A,5,6  Cutting devices/tools  NA Low Medium High  B26 Cutting Devices/Tools JSA 9  B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  A,5,6  Material handling, ergonomics  NA Low Medium High  B29 Material Handling/Ergonomics: JSA 2  A,5,6  Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: Al JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: Al JSAs  A,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  NA Low Medium High  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		4,5,6		Andrew Manager	otilities: JSA 1,3,4
A,5,6   Cutting devices/tools   NA   Low   Medium   High   B25 Electrically Powered Equipment and Tools: JS	Lieutrically powered equipment   Low   Medium   High   B25 Electrically Powered equipment   A,5,6   Cutting devices/tools   NA   Low   Medium   High   B26 Cutting Devices/Tools   JSA   B26 Cutting Devices/Tools   JSA   SA   SA   SA   SA   SA   SA   S	4,5,6  Cutting devices/tools  NA Low Medium High B25 Electrically Powered Equipment and Tools: JSA  4,5 Drums, cylinders, containers  NA Low Medium High B26 Cutting Devices/Tools JSA 9  1,4,5 Drums, cylinders, containers  NA Low Medium High B26 Cutting Devices/Tools JSA 9  1,4,5,6 Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9  3,5,6 Poisonous/irritating plants  NA Low Medium High B32 Plants and Animals: Al JSAs  1,5,6 Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: Al JSAs  3,5,6 Ticks, mosquitos  NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSAs  1,3,4,5,6 Employees working early/late  NA Low Medium High B34 Personal Safety; All JSAs  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		4,5,6			B25 Electrically Powered
4,5   Drums, cylinders, containers   NA   Low   Medium   High   B26 Cutting Devices/Too JSA 9    3,4,5,6   Material handling, ergonomics   NA   Low   Medium   High   B29 Material Handling/Ergonomics: JS 2,6,7,9    3,5,6   Poisonous/irritating plants   NA   Low   Medium   High   B32 Plants and Animals: JSAs    4,5,6   Insects/rodents/snakes   NA   Low   Medium   High   B32 Plants and Animals: JSAs    3,5,6   Ticks, mosquitos   NA   Low   Medium   High   B32 Plants and Animals; JSAs    1,3,4,5,6   Employees working early/late   NA   Low   Medium   High   B32 Poisonous Plants, Animals, and Insects; All early/late   NA   Low   Medium   High   B34 Personal Safety; All   Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase   evaluated as the overall ranking.	Cutting devices/tools  NA Low Medium High  B26 Cutting Devices/Tools JSA 9  B1 Chemical: JSA 4  3,4,5,6  Material handling, ergonomics  NA Low Medium High  B29 Material Handling/Ergonomics: JSA  3,5,6  Poisonous/irritating plants  NA Low Medium High  B29 Material Handling/Ergonomics: JSA 2,6,7,9  B32 Plants and Animals: A JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Plants and Animals; A JSAs  B32 Plants and Animals; A JSAs  B32 Plants and Animals; A JSAs  1,3,4,5,6  Employees working early/late  NA Low Medium High  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	Cutting devices/tools  NA Low Medium High  B26 Cutting Devices/Tools JSA 9  Porums, cylinders, containers  NA Low Medium High  B1 Chemical: JSA 4  B29 Material Handling/Ergonomics: JSA  A,5,6  Poisonous/irritating plants  NA Low Medium High  B29 Material Handling/Ergonomics: JSA  2,6,7,9  B32 Plants and Animals: Al JSAs  A,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals: Al JSAs  B32 Plants and Animals; Al JSAs  B32 Plants and Animals; Al JSAs  B32 Plants and Animals; Al JSAs  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JS  Animals, and Insects; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks			equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered
4,5   Drums, cylinders, containers   NA   Low   Medium   High   B1 Chemical: JSA 4	4,5   Drums, cylinders, containers   NA   Low   Medium   High   B1 Chemical: JSA 4	4,5 Drums, cylinders, containers  3,4,5,6 Material handling, ergonomics  3,5,6 Poisonous/irritating plants  4,5,6 Insects/rodents/snakes  3,5,6 Ticks, mosquitos  1,3,4,5,6 Employees working early/late  NAC Low Medium High  B29 Material Handling/Ergonomics: JSA 2,6,7,9  B32 Plants and Animals: Al JSAs  B32 Plants and Animals: Al JSAs  NAC Low Medium High  B32 Plants and Animals; Al JSAs  NAC Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  NAC Low Medium High  B34 Personal Safety; All JSAs  NAC Low Medium High  NAC Low Medium High  NAC Low Medium High  NAC Low Medium High  B34 Personal Safety; All JSAs  NAC Low Medium High  NAC Low Medium High  NAC Low Medium High  NAC Low Medium High  B34 Personal Safety; All JSAs  NAC Low Medium High  NAC Low Medium High  NAC Low Medium High  B34 Personal Safety; All JSAs  NAC Low Medium High  NAC Low Medium High  B35 Poisonous Plants, Animals, and Insects; All JSAs  NAC Low Medium High  B36 Poisonous Plants, Animals, and Insects; All JSAs  NAC Low Medium High  B37 Poisonous Plants, Animals, and Insects; All JSAs  NAC Low Medium High  B37 Poisonous Plants, Animals, and Insects; All JSAs  NAC Low Medium High  B38 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B31 Plants and Animals: All JSAs  NAC Low Medium High  B32 Plants and Animals: All JSAs  NAC Low Medium High  B34 Personal Safety; All JSAs  NAC Low Medium High  B35 Plants and Animals: All JSAs  NAC Low Medium High  B36 Plants and Animals: All JSAs  NAC Low Medium High  B37 Plants and Animals: All JSAs  NAC Low Medium High  B38 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low Medium High  B39 Plants and Animals: All JSAs  NAC Low		4,5,6	Cutting devices/tools	NA□ Low□ Medium⊠ High□	Equipment and Tools: JSA
3,4,5,6  Material handling, ergonomics  3,5,6  Poisonous/irritating plants  4,5,6  Insects/rodents/snakes  NA Low Medium High B29 Material Handling/Ergonomics: JS 2,6,7,9  B32 Plants and Animals: JSAs  NA Low Medium High B32 Plants and Animals: JSAs  NA Low Medium High B32 Plants and Animals; JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All B34 Personal Safety; All Mote: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase	3,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: JSA 2,6,7,9  3,5,6  Poisonous/irritating plants  NA Low Medium High B32 Plants and Animals: A JSAs  1,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals; A JSAs  1,3,4,5,6  Employees working early/late  NA Low Medium High B32 Poisonous Plants, Animals, and Insects; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Low Medium High B34 Personal Safety; All JSAs  NA Personal Safety; All JSAs	3,4,5,6  Material handling, ergonomics  NA Low Medium High B29 Material Handling/Ergonomics: JSA 4  3,5,6  Poisonous/irritating plants  NA Low Medium High B32 Plants and Animals: Al JSAs  1,5,6  Insects/rodents/snakes  NA Low Medium High B32 Plants and Animals: Al JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High B32 Plants and Animals; Al JSAs  1,3,4,5,6  Employees working early/late  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.	/	4,5	Drums, cylinders		JSA 9
argonomics  NAC Low Medium High  B29 Material Handling/Ergonomics: JS 2,6,7,9  3,5,6  Poisonous/irritating plants  NAC Low Medium High  B32 Plants and Animals: JSAs  NAC Low Medium High  B32 Plants and Animals: JSAs  NAC Low Medium High  B32 Plants and Animals; JSAs  NAC Low Medium High  B32 Poisonous Plants, Animals, and Insects; All  Low Medium High  B34 Personal Safety; All  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase	argonomics  3,5,6  Poisonous/irritating plants  NA Low Medium High  B29 Material Handling/Ergonomics: JSA 2,6,7,9  B32 Plants and Animals: A JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals; A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JS Animals and Insects and I	argonomics  NA Low Medium High  B29 Material Handling/Ergonomics: JSA 2,6,7,9  3,5,6  Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: Al JSAs  NA Low Medium High  B32 Plants and Animals: Al JSAs  NA Low Medium High  B32 Plants and Animals; Al JSAs  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  1,3,4,5,6  Employees working early/late  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks		3,4,5 6	containers	MA□ Low⊠ Medium□ High□	B1 Chemical: JSA 4
Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals; JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All  Low Medium High  B34 Personal Safety; All  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase	9.5,5,6 Poisonous/irritating plants NA□ Low⊠ Medium□ High□ B32 Plants and Animals: A JSAs  1.5,6 Insects/rodents/snakes NA□ Low⊠ Medium□ High□ B32 Plants and Animals; A JSAs  1.3,4,5,6 Fine Poisonous/irritating plants NA□ Low⊠ Medium□ High□ B32 Plants and Animals; A JSAs  NA□ Low⊠ Medium□ High□ B32 Poisonous Plants, Animals, and Insects; All JS  NA□ Low⊠ Medium□ High□ B34 Personal Safety; All JS  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	Poisonous/irritating plants  NA Low Medium High  B32 Plants and Animals: Al JSAs  4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals; Al JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  1,3,4,5,6  Employees working early/late  NA Low Medium High  B34 Personal Safety; All JSAs  NA Low Medium High  B34 Personal Safety; All JSAs  NA Low Medium High  B34 Personal Safety; All JSAs  NA Low Medium High  B35 Plants and Animals: All JSAs  NA Low Medium High  B36 Plants and Animals: All JSAs  NA Low Medium High  B37 Plants and Animals: All JSAs  NA Low Medium High  B38 Plants and Animals: All JSAs  NA Low Medium High  B39 Plants and Animals: All JSAs  NA Low Medium High  B30 Plants and Animals: All JSAs  NA Low Medium High  B31 Plants and Animals: All JSAs  Animals, and Insects; All JSAs  NA Low Medium High  B37 Plants and Animals: All JSAs  Animals, and Insects; All JSAs  NA Low Medium High  B39 Poisonous Plants, Animals, and Insects; All JSAs  NA Low Medium High  B30 Plants and Animals: All JSAs  Animals, and Insects; All JSAs  NA Low Medium High  B31 Plants and Animals: All JSAs  Animals, and Insects; All JSAs  NA Low Medium High  B32 Plants and Animals: All JSAs  Animals, and Insects; All JSAs  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JSAs  NA Low Medium High  B32 Poisonous Plants, Animals, All JSAs  Animals, All JSAs  Animals, All JSAs  NA Low Medium High  B32 Poisonous Plants, All JSAs  Animals, All JSAs  Animals, All JSAs  NA Low Medium High  B32 Plants and Animals; All JSAs  Animals, All JSAs  Anima			material handling, ergonomics	NA□ Low□ Medium⊠ High□	Handling/Ergonomics: 154
4,5,6  Insects/rodents/snakes  NA□ Low⊠ Medium□ High□  B32 Plants and Animals; JSAs  3,5,6  Ticks, mosquitos  NA□ Low⊠ Medium□ High□  B32 Poisonous Plants, Animals, and Insects; All  Low⊠ Medium□ High□  B34 Personal Safety; All  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tase	4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals; A JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JS  NA Low Medium High  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	4,5,6  Insects/rodents/snakes  NA Low Medium High  B32 Plants and Animals; Al JSAs  3,5,6  Ticks, mosquitos  NA Low Medium High  B32 Poisonous Plants, Animals, and Insects; All JS  NA Low Medium High  B34 Personal Safety; All JS  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks		20 20	Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	2,6,7,9
3,5,6  Ticks, mosquitos  NA□ Low⊠ Medium□ High□  B32 Poisonous Plants, Animals, and Insects; All  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the task	3,5,6  Ticks, mosquitos  NA□ Low⊠ Medium□ High□  B32 Poisonous Plants, Animals, and Insects; All JS  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks	3,5,6  Ticks, mosquitos  NA□ Low⊠ Medium□ High□  B32 Poisonous Plants, Animals, and Insects; All JS  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks		4,5,6	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JSAs
1,3,4,5,6  Employees working early/late  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks.	1,3,4,5,6  Employees working early/late  Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.  Animals, and Insects; All JS  B34 Personal Safety; All JS	1,3,4,5,6  Employees working early/late  NA□ Low⊠ Medium□ High□  B34 Personal Safety; All JS.  Note:A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		3,5,6	Ticks, mosquitos		JSAs
Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks.	early/late B34 Personal Safety: All 15	Note: A single hazard may be listed under several Tasks. In this case, use the highest Severity ranking of the tasks evaluated as the overall ranking.		1,3,4,5,6	Employees working		Animals, and Insects; All JS
				Note: A single ha	early/late		B34 Personal Safety; All JS/
ption of Any Additional Activities, And Associated Health and Safety Risks and Protective Procedures/Equipment:							, S or the tusks
			riptior			h and Safety Risks and Protective	Procedures/Equipment:
			riptior			h and Safety Risks and Protective	Procedures/Equipment:

			Excavat	ed Materials M	anagement Sheet			
Excavation Date:	Ref w/ Man	Field Screening Results (PID - ppm):		Lab Result:				CMI Soil R
11/14	CR11383.20 4.55 CAZII 3930/3B				Location in Stockpile Yard (Cross-Ref w,	/ Map) Reuse on/offsite	Offsite location	Placement Date:
11/16	Cell \$400 2A [New]							
11/20 0	Ell #435 yard							
11/28 CA	149 Cell 393 0 13 B 149 Cell 4400 2A [New 61 # 43.8 Spi 6 2C 10.05 TW							
11/28   CA	11#462 9 405							
()30 CRI	1/#398 2A 7470s							

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
11.30.18	J. LEIGHTON	SES	700	15-10
11/30/18	B ROB	565	06:30	15:30
11 3018	Toseph Derbung	AET	0705	15:20
11/30/18	J. Gomes	SES	715	1430
11/30/18		SES	723-8:0	9-1217-3:10
11/3/18	Paul Source	SES	0800	10:45
11/3/18	Bob Moddock	ses	0930	10:45
11/30/18	Rick Kowalsk.	1=1	0935	11:45
11/30/18	Aaron Ting	AEL	0920-	1545
	٠,			

DAILY PROJECT REPORT Submitted By: Aaron C. Ting. Project: BASF, Lot 1102 Signature: 180 Mill Street Date: 12/3/2018 Cranston, RI Daily Precipitation: Weather: Partly Cloudy Temp: 58-31 (Hi - low) PERSONNEL/EQUIPMENT Owner/Representative: N/A Contractor No. Superintendent SES 1 Foremen AEI Personnel: Aaron Ting H&S/QA Officer Acrizistie SES Josh Klement 1 Operators RE SES Z Laborers Other Trades (Surveyor) SubContractor No. Company/Firm 4 Veolia Water/Sewer Visitors On Site: N/A 10 Total Personnel On Site ACT 1213/18 RE **EQUIPMENT/MATERIALS RECEIVED:** MAJOR EQUIPMENT: 1 support truck, Bobcat 289D skid steer, CAT 320C and 320E excavators CAT 996H Loader, 5 and 1 micron filters, vibratory roller carbon filtration system, CAT D3C dozer 2-trash/recycling bins, 2-100 yd rail cars, 1-21,000 gallon frac tanks 4,000 gallon baffle, 10,000 gallon,and 20,000 gallon frac tanks only, 4cT 12/3/18 CL WORK COMPLETED: Veolia water and sewer department onsite to locate sewer main manholes. Located one due to difficulties with GPS unit. Veolia foreman to send AEI coordinates for survey to locate when onsite this week. AEI to reconnect with Veolia following survey. Continued importation of processed gravel for final cover. About 289.7 tons were delivered to the site and stockpiled awaiting final emplacement. Decontaminated two fractionation tanks (one 21,000 gallon and one 20,000 gallon frac tank). A separate PTP/SWP were prepared for the work and is attached to this daily report. ACT 143/18 CL SES lined and loaded the two railcars onsite PW-20008 and PW-30016 with Type 2B soils and asphalt which had been impacted by the Type 2B/2C/3 soils stockpiled on top. (trail day) ACT 12/3/18 CL Redig Type 2A soil location. About 3 cy of soil removed and live-loaded directly into an 18-cy dump trailer for transport to the RIRRC facility in Johnston, RI. Live-loaded Type 2A soils/debris stockpiled onsite into 18-cy dump trailers for transport to RIRRC. About 120 tons of soil and 30 tons of debris were transported to the facility. inspection 12/3/18:CL AEI conducted a soil erosion and sediment control plan. No issues noted. AEI setup perimeter dust monitors and no dust alerts observed onsite. **HEALTH & SAFETY:** AEI has reviewed SES's Safe Work Form/Pre-Task Plan for today, and verifies, by signing below, that these documents comply with the procedures and content of SES's HASP." AEI Signature SES/AEI conducted daily H&S tailgate meeting to review work scope and safety precautions/JSAs associated with safe work practices. See SES SWP/PTP for topics discussed and issues raised. ISSUES/CHANGES/RESOLUTIONS: N/A DISCUSSIONS/CLIENT DIRECTION: N/A

STRATEGIC ENVIRONMENTAL SERVICES, INC.

362 Putnam Hill Road Sutton, Massachusetts 01590 Office: (508) 757.7782

Fax: (508) 363.2346 www.strategic-es.com



### **DAILY WORKSHEET**

Date: /2 - 3 -/8						Project	t Number: 18-0315
							10000
CLIENT / SITE INFORM/	ATION						
Name: BASF							
Address: 180 m (1	1/57						
CRANSTON RI		MA DANGERON		*S			
Contact:							
PROJECTS NOTES MO	11 TD 4	5171	TE .	TA	1/6/	2VB T	PAIK LINE RAIL CARS
Pw 2008 B2		3		A	w.	sie	ASPUNDIT ON LAYOUN ARBA
AND PUT INTO 1	0w 30	DALL	-		. /	NPONT	TO LABOR OF PARCES CARREN
ASSIST VEOLIS	WITI	y . D	160	126	w	Aura	FOR STUDENT PIPEING.
BXPORT A) LOOPS	TOR	IRA	G.	RRA	0126	FAR	1 CELL 398 AN REDIG CRUT 3883105
				~,		7,47	Cient John Killer Clent John Sto)
LABOR						MATER	IALS / EQUIPMENT / TOOLS
Name	Position	Travel	On-site	Off-Site	Travel	Quantity	Item / Description
B ROTE	530	830	14,00	15:00			PPE Level: A B C D
C. MCANTAY	6:30	630	140	14:32		/	CAT 370
J LEISHTUS	6130	700	1400	14:30		1	CAT 966 LOSOM
M. JAMPOS	5130	630	140	15:00		1	CAT SKID STEEN HILLWAN
B. SULLUAN	6:30	700	14.0	1430		1	D3 DOZIER
						1	CATTER BUIEN
						1	CAT 320 SES
						1	ROLL OFFECON
SUBCONTRACTORS						1	TOILIZI
						2	GRN
WEATHER OBSERVATION	NS						
						Project Mana	ager's Signature:
						Client's Sign	nature:
				-			

Project:	
<b>BASF Facilit</b>	v
Cranston, RI	,
Cranston, RI Date (/2/3	)

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_ of \_\_)

Description of	of Work: Chair	Work Description		
Start Date / T	ime: (Date) (T	mplementation Project		
Location of	mile. (Date)	IMe) 17 12 1. 19		
Vork	100 Will Stree	et, Cranston, RI		
Strategic En	víron- 1 1 a			
Primary/Lead	Commental	Services, Inc. (SES)		
Contact Perso	Company Nar			
Contact phone	"	~ por		
ontact phon	e# 507) 3	26-0523		
lealth and C	-5-1 (110-11			
ign-off sheet at	arety (H&S) P	lan (HASP) Signatures		
riefing All nom	and the r	has been made available and	reviewed by the individual	
quired <u>daily</u> , a	nd as otherwise	deemed persease but the control	Health and Safety Orier	al prior to entry into the site, and/or daily H&S ntation. Thereafter, a tailgate safety meeting is signing below, an individual certifies that he h Pre-Task Planning Form
ad, understood	d, and will observ	deemed necessary by the Site Health te the contents of this HASP and Da	h and Safety Officer. By	signing below, an individual continue that
ealth and Sa			ily Safe Work Form with	Pre-Task Planning Form.
11/2	Name of A	ttendee (Print)		
113	13 R	18	Company	Initials
12/3	Mich	el JAMES	SAS	
2/3	Agron	Time	SES	mn
15/3	JOHN	PELBHTON	AET	At
		Klement	SES.	AZ
12/3	Boott Su	Vivon	VET	Saw
12/3	Charles ,	existy ID	SES	85
2-3-2018	1 1000	emarco	SEC	cm
2-3-2018	ANTHON	DEMAID	veolic	1.0
7.3.18	Tuho	Ayoth	VEOLIA	A.D.
2-3-18	1 Au	es thanks	Vactor	JE.A.
my8	Molo	- 253	VES ha	126
	V. U			
tor Log				
SES's policy th	at visitors must	furnish their own personal protective	e equipment AV	are required to sign the visitor log and
esignated Site	and Safety Plan	requirements. If the visitor represent	its a regulatory agency	are required to sign the visitor log and
ne of Visitor	Print)	also infinediately notify HSC.		are required to sign the visitor log and concerned with site health and safety issues,
11-	Jak	Company Name	Date of Visit	Signature
,	100	m) mepha	12-3	- Grading
A STATE OF THE STATE OF THE STATE OF				

Project: BASF Facility Cranston, Ri Date (143)	DAILY SAFE WORK FORM	SES (Page of)

Project:	
<b>BASF Faci</b>	lity
Cranston, R	3

# DAILY SAFE WORK FORM

SI	ES
(Page _	_ of)

	e(IA		
Туре	of Eq	uipment/Vehicles/Motorized Equipment	
	Field S	JEI VILLE I TAIIOT	T
D	Excav	ators	Roll-off Tractor Truck
0	Loade	r P	Roll-off containers
Ø,	Track	Dozer	Dump Truck/Triaxle
		teer Loader	Dump Trailers
W/	Frac T	ank	Pickup Utility Trucks
	Genera		Sump Pump
		Buffalo	Trench Box
	Sawza		NaOH Storage Tank
- 1	Oawza		Other (list)
This	work a	leo roquino di	
⊠ PF	SOIEC	Iso requires the use of the permits or docu T-SPECIFIC HASP	ments checked below
	CK O	IT TAC OUT TO	- NOIGH
X DE	PE. TAC	UT, TAG-OUT PERMIT	
	MEINI	SK PLANNING FORM	785
	HEDO	ED SPACE ENTRY PERMIT	
	TILING	(LIST)	
Antini	made al	n	
oform	pated	Project Risks and Hazards Identification	dentify the source/s used and include necessary specific
Jsed	N/A	See Daily Pre-Task Plan for day-specific inform	nation)
(	IVA	Source	
		Pre-work Inspection of the work site	Specific Risk or Hazard that needs to be addressed See SES HASP
-		MISUS review / includes any 'new' chemicals	MSDS Shorts David
	X	Clarie Operations	MSDS Sheets Provided in HASP
	X	Elevated Work	
		Environmental Conditions	See SES HASP
		Heavy Powered Mobile Equipment Use	
	X	Language / Communication Difficulties	Excavators to load soil into trucks, truck traffic
		iviaterials to be used	
	X	Overhead Work / Rigging	See Pre-Task Plan
	χ	Special Equipment to be used	
		Trenching / Excavation	0.00
	X	Utilities System tie-in / restrictions	See SES HASP
		Uther Risks or Hazarda	Donate
nticip	ated P	roject Required Propositions 9 5	PCB/VOC-contaminated soils; Sodium Persulfate
	ed (S	ee Daily Pre-Task Plan for day-specific inform	Be sure that each identified Risk or Hazard is
	N/A	Area Area	auon)
		Access & Egress Plans (People & Equipmen	Specific measures that are required
2000	X	Barricades needed	t) To be developed on site with SES work crew
	X	BASF equipment / materials to be used	
	X	Electrical safety equipment required	
	X	Elevator use	
		Emergency Equipment	
		Emergency Plans / Emarcon D	See SES HASP
	X	Emergency Plans / Emergency Responder Fall protection	See SES HASP
1			
	Х	First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	x	HVAC System requirements	
	^	LINE-BREAKING procedure requirements	

Project:	
<b>BASF Facility</b>	
Project: BASF Facility Cranston, RI	
Date (123)	

# DAILY SAFE WORK FORM

SE	ES	
(Page _	_ of _	_)

	X	Scaffolds / decking	
X		Temporary electrical power	Par DEG HADE
	X	Temporary Utilities services	See SES HASP
X		Trench / Excavation Boxes	See SES HASE
		Other Requirements	See SES HASP

		ersonal Protective Equipment (PPE) Identify the s	□ Work	Drovido	r Knowledge
YES	NO	ITEM	VEO		
X		Hardhat (either) ☐ Fiberglass ☒ Plastic	YES	NO	Item
X		Safety Glasses ANZI		X	Rain Suit
-	X	Safety Glasses, ANZI-rated, side shields		X	Chemical Suit ☐ Jacket ☐ Pants
	X	Goggles ☐ Chemical ☐ Dust		X	Personal Fall Protection Equipment
v	^	Faceshield	X		Gloves   Chemical   Work
X		Hearing Protection ⊠ Plugs □ Muffs	х		Long sleeve shirt and steel toed boots with steel shank
	X	Respirator   Half-mask  Full-face	X	PASS ALIGNA	
	X	Dust Mask		X	The state of the s
	X	Fire Retardant Electrical Clothing		+	Welding Protection
X		Eyewash Station	<del></del>	X	Retrieval System for Confined Spaces
X		Tyvek Suits	Х		Mobile phone or radios
^	-	- Indiana - Indi	X		Insect repellent, sunscreen
أسوس		Other PPE (list)	X		High-visibility, reflective vest

Trainin	ng Requ	uirements
Need	N/A	Area
X	MA	BASF Safety Orientation (if required)
X		MSDS Reviews
X		Review of precautions listed above per SES HASP
X		Review of required PPE
		Other training (specify) –

Project: BASF Facility Cranston, RI Date ([] 3 )	DAILY SAFE WORK FO	RM	SES (Page of)
STRATEGIC ENVIRONMENTAL SERVICES	PROJECT / JOB / TASK (Description): BASF Cranston/CMI Implementation	LOCATION: 180 Mill Street,	DATE
PRE-TASK PLAN (PTP)	SES SUPERVISOR: BUAN ROB	Cranston, RI	

Note: SES Daily Report Forms are completed daily (see attached), documenting work progress, equipment, personnel, weather, issues encountered and resolution, health and safety actions/issues, changes in work conditions, client interface.

_	(Check off AND Circle today's activities)  Task 1 - Permitting
	Task 2 - Mobilization/Site Decay
	Task 3 – Excavation/Decontamination/Soil Stock Piling/Loading/ISCO/Dewatering/Liquid Management
	Task 4 - Transportation and Disposal Co.
	Task 5 – Backfilling and Grading/Geotextile and Vegetation Placement  Task 6 - Demobilization
	Task 6 - Demobilization

Today's Activities	2 7-1	Recommended Actions	or Procedures	
(Check Each)	Task Number(s)	Hazards	Relative Hazard /Risk Rating*	Hazard Controls Mechanism and/or JSA (See HASP)
Ø/	3	Chemical Hazards	ACC.	(See MASP)
<b>Y</b> /	3,4,5		NA□ Low□ Medium⊠ High□	B1 Chemical: JSA 10
Ø	A Committee of the Comm	Dust/Fumes/Particulates	NA□ Low□ Medium⊠ High□	
100000	3,4,5,6	Job Zone Control		B2 Dust: JSAs 1,2,4,5,6
	3,4,5,6	Heat	NA□ Low□ Medium⊠ High□	B3 Job Zone Control; All JSAs
	3,4,5,6		NA□ Low□ Medium⊠ High□	B4 Heat: All JSAs
		Cold	NA□ Low□ Medium⊠ High□	A CONTRACT OF THE PROPERTY OF
	1,3,4,5,6	Severe Weather		B5 Cold; All JSAs
	3,4,5,6		NA□ Low□ Medium⊠ High□	B6 Severe Weather: All JSAs
		Walking/Working Surfaces	NA□ Low□ Medium⊠ High□	
	4,5,6	Noise	A CONTRACTOR OF THE PROPERTY O	B7 Safe Walking Surfaces and Work Areas: JSA 1,3,4,7
]	A Committee of the Comm		NA□ Low□ Medium⊠ High□	B8 Noise: All JSA's
_	5,6	Live Electrical Equipment	NA□ Low⊠ Medium□ High□	
]	4,5		Testa Prediating High	B14 Live Electrical Equip: JSA
_	14,5	Poor Lighting	NA□ Low⊠ Medium□ High□	5,6,9
]	4,5,6		Hedidili Elgi	B7 Safe Walking Surfaces and
_	4,5,6	Overhead Hazards	NA□ Low⊠ Medium□ High□	Work Areas; JSA 1,3,4,7
	3,4,5,6	AND THE RESERVE OF THE PARTY OF		B15 Overhead Hazards: JSA
_	3,4,3,0	Traffic Management	INIA TIL CONTRACTOR OF THE PROPERTY OF THE PRO	2,5,6
/		(Vehicle, pedestrian interference)		B17 Traffic Management: All JSA
7	F C			JSA
1		Heavy machinery/drill rigs	NA□ Low□ Medium⊠ High□	B18 Home Mark
ν	5,6	Trenching/Excavation	NASS Laws M.	B18 Heavy Machinery: JSA 4,5
	13163		POTENTIAL TO A CONTROL OF THE CONTRO	B19 Trenching/Excavation:JSA
	1,3,4,5,6	Vehicle use	NAC LOUIS N. II	+,5,6,8
	2,3	Work near/on water		320 Vehicle Use: All JSA
	Lancación de la constante de l		NA⊠ Low  Medium  High  E	321 Work Near/On Water: JSA
	4,5	levated heights (<4ft)	N/A CT 1	
1			NA□ Low⊠ Medium□ High□ E	322 Working from Heights (<4

F Facility ston, RI 12-3		DAILY SAFE	DAILY SAFE WORK FORM					
4,5		T						
		Elevated heights (>4ft)	NA□ Low⊠ Medium□ High□					
5,6		Overhead		B23 Working from Heigh feet)				
		Overhead/underground utilities	NA□ Low□ Medium⊠ High□	1 /				
4,5,6		Powered hand tools		B24 Overhead/Undergrou Utilities: JSA 1,3,4				
155		The red tools	NA□ Low⊠ Medium□ High□	B25 Electrically Powered				
4,5,6		Electrically powered	40000	Equipment and Tools: JS/				
4,5,6		equipment	NA□ Low⊠ Medium□ High□	B25 Electrically Powered				
1,5,0		Cutting devices/tools	NAT LOWE Media	Equipment and Tools: JSA				
4,5		L	NA□ Low□ Medium⊠ High□	B26 Cutting Devices/Tools				
,		Drums, cylinders, containers	NA□ Low⊠ Medium□ High□	1357 3				
3,4,5,6	5	Material handling,		B1 Chemical: JSA 4				
		ergonomics	NA□ Low□ Medium⊠ High□	B29 Material				
3,5,6			Annual may	Handling/Ergonomics: JSA				
3,3,6		Poisonous/irritating plants	NA□ Low⊠ Medium□ High□	2,0,7,9				
4,5,6			Medium   High	B32 Plants and Animals: A				
1	1	Insects/rodents/snakes	NA□ Low⊠ Medium□ High□	JOAS				
3,5,6		Ticks, mosquitos	73-48	B32 Plants and Animals; A JSAs				
	- 1	mosquitos	NA□ Low⊠ Medium□ High□	B32 Poisonous Plants,				
1,3,4,5		Employees working	ESACRIVES:	Animals, and Insects; All J				
No.	16	early/late	NA□ Low⊠ Medium□ High□	D2 ( D				
evaluate	single hazard maded as the comme	ay be listed under several T	asks. In this case, use the highest					
06 A A			and Safety Risks and Protective					

		LOB / TACK (Description):	QCATION: DATE:
COMPANY NAME (performing	PROJECT	JOB / TASK (Description):	OCATION:  BO MILSTreet  12/3/18
work): SES	1		Cranston, RI
TARK DI ANI (DTD)	SUPERVIS	OR:	S. 11: 10.0
PRE-TASK PLAN (PTP)		Brett.	Silliars
Safe Work Permit Number:	CREW SIG	NOFF: McCoithy To	
	Brett Sulli	yan	
	Michael	JAMIR3	
		POTENTIAL HAZARDS	RECOMMENDED ACTION OR PROCEDURE
SEQUENCE OF TASK / JOB	STEPS	(Energy forms - Motion, Chemical, Radiation	(When possible <u>Eliminate</u> the energy, <u>Control</u> and/or <u>Protect</u> against unwanted contact/release)
(Consider Equipment, Tools and C	Conditions)	Electrical, Gravity, Heat/Cold, Biological, Pressure)	
1-1-1	^	Hazardous atmosphere, tank antigo	meter, overview fractank for
Mobilization/Evaluation		exits and enhances	meter overview tractank for
		Self 2 Guest Cristian	hazardous materials
00 10 - 10	660	chemical emergency procedu	res/ Confined space permit identifying
Confined Space Entry/D	(CCA)	chemical, emergency procedure eaglificats	CAMMUNICATION METHODS DIOCECTURE
			PINE COUNTY INCILLY CONTROL OF
			tured state books chemicallossición
-			gloves respirators hearing protection safety retrieval hamoses worn
			Safety reforeyal hamosces worn
3.6			by all workers in fract tank.
			Spotter to remain at fractance
77-7			dung entre operation.
- P			Rescue personnel and equipme
			must be on site during all
		4	CSE work.
	(Use ar		Permit for issuance)

### BASF

**INACTIVE SITES** 

#### SAFE WORK PERMIT



Servici	ng or	Maintenance Work Description	
		Work: Decontamination of Fractional	on Tanks
Start D	ate / Ti	me 12/3)18 0830	
Locatio Work	n of	180 Mill Street, Cranston PI	
Servic	ing or	Maintenance Work Provider Identification	
		ne 525	# personnel # 3
Contac			#/type vehicles // Support fructe
Contac	t phon	e# 508-3210-12523	, J 4
This w	ork als	so requires the use of the permits checked be	low
		CTOR SAFETY PLAN DOCUMENTS	
LO	CK, TA	AG, AND TRY PERMIT	
₩ PR	E-TAS	K PLANNING FORM	
X CC	NFINE	ED SPACE ENTRY PERMIT	
Risks	and Ha	azards Identification Identify the source/s used	I and include necessary specific information
Used	N/A	Source	Specific Risk or Hazard that needs to be addressed
×		Pre-work Inspection of the work site	
	×	MSDS review / includes any 'new' chemicals	
	×	Crane Operations	
×		Elevated Work	scaling up and down fractante ladders
X		Environmental Conditions	arranditions in tank, material intendetes and
X	The same	Heavy Powered Mobile Equipment Use	genurative use releasing satery
×	1/5	Language / Communication Difficulties	hearing inside tank jusc of PPE
	X	Materials to be used	3
	X	Overhead Work / Rigging	
	X	Special Equipment to be used	
	X	Trenching / Excavation	

Utilities System tie-in / restrictions

Other Risks or Hazards

Requi	red Pre	cautions & Protective Measures Be sure t	hat each identified Risk or Hazard is addressed
Need	N/A	Area	Specific measures that are required
×		Access & Egress Plans (People & Equipment)	
	X	Barricades needed	
	X	BASF equipment / materials to be used	
X		Electrical safety equipment required	GECTS, read bumps to protect cords trom we
	X	Elevator use	
X		Emergency Equipment	Sofoy/retness haness, free Banguisher
X		Emergency Plans / Emergency Responder	See SESHASP
	X	Fall protection	
X		First Aid / Medical Treatment provisions	See SES HASP
	X	HOT WORK Procedure requirements	
	V	HVAC System requirements	
	X	LINE-BREAKING procedure requirements	
	A	Scaffolds / decking	
X	1	Temporary electrical power	GFCI for lines to generator
-	×	Temporary Utilities services	- 0
	X	Trench / Excavation Boxes	1
1		Other Requirements	Aur montoning equipment /1/24-gas

Continued space entry

### Safe Work Permit

						Life the C	OUT	0/0 110	ed and	check the appropriate buxes
wired Der	sonal P	rotective E	quipment (F	PE)	) Ide	ntity the so	July	Mork	Provid	check the appropriate boxes er Knowledge Prior SWP
PPE GRI	D	MSDS	□ BA	SF K	<b>Know</b>	ledge	×	VEC	NO	ITEM
	ITEM						-	YES	INO	Pain Suit Jacket J Pants
-	Hardha	t (either	Fibergla	ass		Plastic		11		Chamical Suit A Jacket Pants
2	Cofoty	Glasses	<i></i>					$\sim$	-	Personal Fall Protection Equipment
			☐ Chemic	al		Dust	1		×	Gloves Chemical Work
×	Goggle	S			,			$\times$		010100
$\times$	Facesh	leid	Diuns		X	Muffs		X		Safety Shoes Roots Rubber Other
×	Hearing	g Protection	Plugs Half-ma	-ck	贡	Full-face		X		Boots
X	Respira		Пан-піс	1011	12		1		X	Welding Protection Retrieval System for Confined Spaces
X	Dust N	lask	· · · · · · · · · · · · · · · · · · ·	ina			1	×		Retrieval System for Commed opasses
X	Fire R	etardant Ele	ectrical Cloth	ing				-		
×	OTHE	R PPE								
Training Re	auiremo	ents								
Need N/A	Area									
Need 14/		F Safety Or	rientation							
		0								
->-	Davi	our of requi	red precaution	ons l	listed	above				
	Rev	iew of requi	ired PPE liste	ed al	bove	7			o Mto	n/
	Oth	er training (	ired PPE liste specify) –	C	an f	Tweel S	P	CC	E. W. L.	7
								D	4 1000	ptor (PA) Agreement / Verification
	(DI)	Authorizat	ion to work					Perm	ACCE	edge & Agree to listed requirements
Permit iss	uer (FI)	an of work	area					X A	CKHOWIE	f this SWP will be kept at the work area
		ns of work a		3				X A	copy o	and written and spoken English and have
Compl	eted revi	ew of all se	ections above rs of listed St	art [	ate	/ Time		MI	underst	and written and spoker English mmunicate with my employees who cann mmunicate with my employees who cannot be a considered with the cons
X Work	to start w	ithin 2 noui	S OI IISIEU OI	0,,,				mear	s to co	nmunicate with my employed property onnel have been trained in required PPE
Revie	wed requ	irements w	vith Permit Ad	700				AK	Il perso	rientation to be completed as required
								MS	safety o	rientation to be compression to La
					12.1	3/18		PAS	signatur	e/Date print Jullin 12/3/18
PI Signati	ure / Dat	e	1	_	, 0	310				
								Parr	nit Acc	eptor (PA) Verification of Completion
Dis le	CHOT P	\ Verificati	on of Comp	letic	on		<u> </u>	M	Servicir	ng or Maintenance Work activities completed or Maintenance work activities completed from work
								18	Tools	ng or Maintenance Work additional equipment, materials removed from work
-		rea control	returned to	BAS	F					
								+12	Morks	ite as clean as when work started
IX Repo	ons / othe	noted prof	blem list with	pro	vider				vvoik 3	sing the work
X Revi	ewed the	the servi	cing or main	tena	nce	permit acc	epto	or or ti	105E uc	ing the work
Problem	s noted i	Left Unfix	ed Details	3						
Found	Fixed	Leit Office								
	1									
			1							
										7 1.1.0
	nature / D			1		2/3/18		PAS	ignatur	e / Date Fut Gullain 12/3/18



## CONFINED SPACE ENTRY PERMIT

ALL COPIES OF PERMIT WILL REMAIN AT JOB SITE UNTIL JOB IS COMPLETED ONE COPY MUST BE SUBMITTED TO THE HEALTH AND SAFETY SPECIALIST

LOCATION: 120	Mill St, Cra	inston, 1	ZI										10
DESCRIPTION OF SPA	ACE:		Co	Fac	A Som	y Fran t	oak used	En lavel					
PURPOSE OF ENTRY:	Frax Tank	Dewn,	cle	60106	before	off-site	Cemoval	W MEWAI	ecna				
DATE: 12/3/18						120			ENDING	TIME: /4	7/5		
SUPERVISOR(S)	Particles and Communication 1	# OP G	n my		CHIPETOTE SECTION							_	
SUPERVISOR(S)			REY	Ville	Marian de	AVIETE S STORY	PHO	E		Colonia de Colonia.	Street Project 119	Secret and	MARSH SE
Brett Sullivan		3						78-1033				THE RECEIVED SAPETION	00.004592505050
Special Requirements  Lockout / De-energize		96		V SAMO	Alma de Parista de	ANTAGO CONTRACTOR	and the second second	D. A.					
Lockout / De-energize	The state of the s	A STATE OF THE STA	New Marie	766	/ D	Passas II	60m-0934606		705	-110	ENERGIA (CA	Yes	11
Lines Broken / Capped	9		×			Escape Ha Tripod Es						K	
Purge / Flush / Vent			X			Lifelines	cape Unit						
Ventilation						Fire Extin	quichero					×	
Secure Area			×			Lighting	guisneis					X	
Protective Clothing			X			Respirator							
S.C.B.A. TEST(S) TO BE TAKEN	1174.7 ·		1.10345			Air-line re						X	
Valid for one 8	P.E.L.*	1860			STATES AND STATES OF THE PARTY	WILLIAM THE STROKE	Marin Communication	CARLO SERVICES	212 may 1957 Seam	EVEL-FEE CONSIDERATION OF THE			
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% of Oxygen				TAO	1120	1135	11.50	1205	1215	1330	1345	1400	
% of L.E.L.*	-19.5% - + 21%		X		20.9	20.9	20.8	269	20.9	20.9	STREET, SOUTH ST	SCHOOL STATE OF THE STATE OF TH	1415
Carbon Monoxide	Any % over 10%		X		0.0	0.0	0.0	0.0	0.0	0.0	209	20.9	20.9
Aromatic Hydrocarbon	50 ppm		×_		0.0	0.0	6.0	00	0.0	0.0	0.0	0.0	0.0
Hydrocyanic Acid	10 ppm 10 ppm	2	<u> </u>		0.0	0.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Hydrogen Sulfide	10 ppm								0.0	00	00	0.0	00
Sulfur Dioxide	5 ppm		X.		0.0	00	0.0	0.0	00	0.0	0.0	0.0	-
Ammonia	25 ppm					-	-				0.0	0.0	0.0
NOTE: CONTINUOUS/PE	Spieses							_					
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· LEL = LOWER EXPI	LOSION LEV	EL				- 1							
						1							
FIRE: 911		A	MR	TIT.A	NCE:_	911			200				
				CLIN		1			RI	ESCUE:_	911		-:



AUTHORIZED ENTRANTS:	AUTHORIZED ATTENDANTS:	PERMIT AUTHORIZATION	
	Oluce on ling to	I certify that all actions and conditions necessary for safe entry have been performed.  Broth Suiliven Name (print)  Signature: Buth Jullin  Date: 12/3/18 Time: 1/20	_
Permit Closeout and Debrief  Additional Hazards Noted: We  Entry Supervisor Signature (Clo	54 97 G		
	Date: _	12/3/18	
FIRE:911 RESCUE: Confined Space Res		E:911 yees (Cranston Fire Department to be notified of	

Confined Space Entry activities prior to entry. In case of emergency, dial 911.



# CONFINED SPACE ENTRY PERMIT

ALL COPIES OF PERMIT WILL REMAIN AT JOB SITE UNTIL JOB IS COMPLETED ONE COPY MUST BE SUBMITTED TO THE HEALTH AND SAFETY SPECIALIST

DATE: 12/3/18	: Free Tank Derg	5	START	TIME:_	0930			ENDING	TIME:_j	106		
Brett Sulliver	#	OF CE	EW	Mary May 5	The State of the last	PHON	Market and the	Apple - In add to the Control	Wife obn Kabi san Jin St			
Brett Sullivan	3					401-	78-1033				為問題的	代明歌
pecial Requirements  Lockout / De-energize  Lines Broken / Capped											-	
Lockout / De-energize	yes	7110	Yes	No.	Salar Sa	at his law as a state of	Administración de	auditional bases of		<i>B</i>		
Lines Broken / Capped				· ·	Escape Ha	rness	LANCOUNT NOT THE	yes	ne	<b>科学的</b>	Tell and Ma	
Purge / Flush / Vent			X		Tripod Esc	cape Unit					X	
Ventilation		$\rightarrow$	X		Lifelines							
Secure Area					Fire Exting	guishers					X	
Protective Clothing		$\rightarrow$	X		Lighting						X	
S.C.B.A.		$\rightarrow$	^		Respirator							
EST(S) TO BE TAKEN					Air-line res	spirator					X	$\perp$
Valid for one 8	P.E.L.*	Sept.		BRUNE MORE	to a strain white make	double mission						
hr.shift		Tele	orani e e i an	Time	Time	Time	Time	Time	T'	ALEXANDER AND ADDRESS	STATISTICS OF SECTION	alk portugation
% of Oxygen		Ye	s No	0930	0945	1000	1015	1030	Time	Time	Time	Tin
% of L.E.L.*	-19.5% - + 21%	×		20.9	20.9	20,9	TEACHER SERVICE	Bullett Land Co. 1991	1045	1100		
Carbon Monoxide	Any % over 10%	X		0.0	0.0		20.9	20.9	20.9	70.9	100000000000000000000000000000000000000	ALBERTA CO.
Aromatic Hydrocarbon	50 ppm	×		0.0	0.2	0.0	0.0	0.0	0.0	0.0		+-
Hydrocyanic Acid	10 ppm	X		0.0	0.0	0.0	0.0	0.0	0.0	0.0		1
lydrogen Sulfide	10 ppm				7.0	0.0	0.6	0.0	0.0	0.0		+
Sulfur Dioxide	10 ppm	X		00	0.0	0.0	0.0					-
Ammonia	5 ppm					0.0	0.0	0.0	0.0	0.0		
	25 ppm							+				
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7 Gras Meter	\											
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AUTHORIZED ENTRANTS:	AUTHORIZED ATTEN	DANTS:		PERMIT A	UTHORIZATION
Direct on a country to	more form		necess	Both Sylvane (print)	ns and conditions by have been performed.
			Date:	12/3/18	Time: 0930
Permit Closeout and Debrief  Additional Hazards Noted: \( \sqcap \)  Entry Supervisor Signature (Clo		nlls			*
Name (print): Bett Sullsvar		/	/18		
FIRE: 911		BULANCE:			
RESCUE: Confined Space Re Confined Space Entry activitie	es prior to entry. In case of	f emergency, d	Cranston ial 911.	Fire Departme	ent to be notified of

**SESC Plan Inspection Report** 

			roject Information	
Name	Form	er Ciba-Geigy Facil		
Location	180 N	Aill Street, Cransto	n, RI (Lot 1102)	
DEM Perm	it No. 18-00	048/RIR101724		
Site Owne	r Name Josep	h Guarnaccia	Phone 973-245-5269	Email Joseph.guarnaccia@basf.com
Site Opera	tor Name Brian		Phone	Email broe@strategic-es.com
ha are		Inst	pection Information	
Inspector I	Name Name Aaron		Phone 978-577-7138	Email ating@aeiconsultants.com
Inspection	Date IZ/	3/18	Start/End Time	0800-0830
Inspection XI W	Type eekly ☐ Pre-storm e	event During	storm event	nt 🗆 Other
			eather Information	
Last Rain I Date		tion (hrs): 7	Approximate Rainfall (in):	0.58
Rain Gaug	e Location & Source: ather station (Davis V	antage Pro)		
Weather at	time of this inspectio			
Weather at	time of this inspectio		udy, 43°F	
Weather at	time of this inspectio		udy, 43°F	
	time of this inspectio	Partly Clos		
Check stat	ement that applies the designated Inspector, I that maintenance an designated Inspector,	Partly Clouden sign and date to certify that this so discorrective action certify that this s		d by regulation and I have
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Check state  ☐ I, as the determined  ☐ I, as the made the dethis inspector:  The Site Optindings. H	designated Inspector, that maintenance and designated Inspector, designated Inspector, determination that the etion report.  Print Name Aaron C. Ting  Deerator acknowledges e/she acknowledges to	Partly Closen sign and date to certify that this so do corrective action certify that this so site requires correspond by his/her signate that all recommends	nelow:  ite has been inspected as required as are not required at this time.  ite has been inspected as required ective actions. The required corre	Date 12/3/18 inspection report and its

Site-specific Control Measures

Number the structural and non-structural stormwater control measures identified in the SESC Plan and on the SESC Site Plans and list them below (add as necessary). Bring a copy of this inspection form and any applicable SESC Site Plans with you during your inspections. This list will assist you to inspect all control measures at your site.

FILL THIS TABLE USING THE SESC PLAN TABLES 2.11 & 3.12.

	Location/Station	Control Measure Description	Installed & Operating Properly?	Assoc. Photo/ Figure #	Corrective Action Needed (Yes or No; if 'Yes', please detail action required)
1	Construction Site Exit including decontamination pad	RIDOT Standard Specifications RI Soil Erosion and Sediment Control Book	ØYes □No	see photo	
2	Project-wide including material stockpiles	Perimeter – compost filter socks (RIDOT 9.2.0); Stockpiles – haybales (RIDOT standard specification 206, 212)	⊠Yes □No		
3	Project wide including material stockpiles	RI SESC Handbook  Water for dust control/cover stockpiles  RIDOT Standard Specification/RISEC Handbook	⊠áYes ⊡No		
4	Adjacent Roads	Roads adjacent to construction site shall be clean at the end of each workday	QYes □No		
5	Project-wide	Pickup construction trash/debris	ØYes □No		
6	Project- wide	Spill prevention/spill containment measures	⊠Yes □No	1	
7			□Yes □No		
8			□Yes □No		

SESC Plan Inspection Report

Page\_\_\_of \_\_\_

#### **General Site Issues**

Below are some general site issues that should be assessed during inspections. Please **customize** this list as needed for conditions at the site.

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
1	Have all control measures been installed as specified in the RISESC Handbook and prior to any earth disturbing activities?	XQYes □No □ N/A	seeprote	
2	Are appropriate limits of disturbance (LOD) established?	⊠Yes □No □ N/A	1	
3	Are controls that limit runoff from exposed soils by diverting, retaining, or detaining flows (such as check dams, sediment basins, etc.) in place?	□Yes □No ☑ N/A		
4	Are all temporary conveyance practices installed correctly and functioning as designed?	□Yes □No Ø N/A		
5	Has maintenance been performed as required to ensure continued proper function of all temporary conveyances practices?	□Yes □No Ø N/A		
6	Were all exposed soils seeded by October 15 <sup>th</sup> ?	□Yes □No Ø N/A		
7	Have soils been stabilized where earth disturbance activities have permanently or temporarily ceased on any portion of the site and will not resume for more than 14 days?	□Yes □No pl N/A		
8	In instances where adequate vegetative stabilization was not established by November 15 <sup>th</sup> , have non-vegetative erosion control measures must be employed?	□Yes □No Ø N/A		
9	If work is to continue from October 15th through April 15th, are steps taken to ensure that only the day's work area will be exposed and all erodible soil is stabilized within 5 working days?	□Yes □No Ø N/A		
10	Have inlet protection measures (such as fabric drop inlet protection, curb drop inlet protection, etc.) been properly installed?	□Yes □No ✓ N/A		
11	Has the operator cleaned and maintained inlet protection measures when needed?	□Yes □No Ø N/A		
12	Has the operator removed accumulated sediment adjacent to inlet protection measures within 24 hours of detection?	□Yes □No		

SESC Plan Inspection Report

Page\_\_of \_\_\_

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
13	Has the operator properly installed outlet protection (such as riprap, turf mats, etc.) at all temporary and permanent discharge points?	□Yes □No Ø N/A		
14	Are all outlet protection measures functioning properly in order to reduce discharge velocity, promote infiltration, and eliminate scour?	□Yes □No □XÍN/A		
15	Have all discharge points been inspected to ensure the prevention of scouring and channel erosion?	□Yes □No Ø N/A		
16	Have sediment controls been installed along perimeter areas that will receive stormwater from earth disturbing activities?	ØYes □No □ N/A	scepnoto	
17	Is the operator maintaining sediment controls in accordance with the requirements in the RI SESC Handbook?	ŹiYes □No □ N/A	1	
18	Have temporary sediment barriers been installed around permanent infiltration areas (such as bioretention areas, infiltration basins, etc.)?	□Yes □No ☑ N/A		
19	Have staging areas and equipment routing been implemented to avoid compaction where permanent infiltration areas will be located?	□Yes □No ☑ N/A		
20	Are surface outlet structures (such as skimmers, siphons, etc.) installed for each temporary sediment basin? [Exception: frozen conditions]	□Yes □No ☑ N/A		
21	Have all temporary sediment basins or traps been inspected and maintained as required to ensure proper function?	□Yes □No ₽N/A		
22	Does the project include the use of polymers, flocculants, or other chemicals to control erosion, sedimentation, or runoff from the site?	□Yes □No ☑ N/A		
23	Are all chemicals being managed in accordance with Appendix J of the RISESC Handbook and current best management practices?	□Yes □No Ø N/A		
24	Has the site operator taken steps to prohibit the following pollutant discharges on the site?			
а	Contaminated groundwater.	Ø¥Yes □No □ N/A	seephoto 109	

SESC Plan Inspection Report

Page\_\_\_of \_\_\_

	Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
0	Wastewater from washout of concrete; unless properly contained, managed, and disposed of.	□Yes □No □N/A		
С	Wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds, and other construction products.	□Yes □No ☑ N/A		
d	Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance.	ØYes □No □ N/A	seephoto	
е	Soaps or solvents used in vehicle and equipment washing.	☑Yes □No □N/A		
f	Toxic or hazardous substances from a spill or other release.	ŹiYes □No □ N/A	1	
25	Is the operator using properly constructed entrances/exits to the site so sediment removal occurs prior to vehicles exiting?	⊈Yes □No □ N/A	1	
26	If needed, are additional controls (such as rumble strips, rattle plates, etc.) in place to remove sediment from tires prior to exiting?	□Yes □No Ø N/A		
27	Is sediment track-out being removed by the end of the same workday in which it occurs (via sweeping, shoveling, or vacuuming)?	AYes □No □ N/A	sepnon	
28	Are all wastes generated at the site being managed and properly disposed of by the end of each workday?	ØYes □No □ N/A		
29	Are all chemicals and hazardous	Yes □No □ N/A		
30	Has the operator established highly visible locations for the storage of spill prevention and control equipment on the construction site?	ØYes □No □ N/A		
31	Are allowable non-stormwater discharges being managed properly with adequate controls?	¤Yes □No □ N/A		
32	trenches, or similar points of accumulation?	□ N/A		
33	Are proper procedures and controls in place for the storage of materials that may discharge pollutants if	☐ N/A	1	

Compliance Question		Assoc. Photo/ Figure #	Corrective Action Needed (If 'Yes', please detail action required and include location/station)
exposed to stormwater?			
Are stockpiles located within the limits of disturbance?	⊠Yes □No □ N/A	See prioto	
Are stockpiles being protected from contact with stormwater using a temporary sediment barrier?	X1Yes □No □ N/A	1	
Where needed, has cover or appropriate temporary vegetative or structural stabilization been utilized for stockpiles?	□Yes □No Ø N/A		
Is the operator effectively managing the generation of dust through the use of water, chemicals, or minimization of exposed soil?	⊠Yes □No □ N/A	see photo	
Are designated washout areas (such as wheel washing stations, washout for concrete, paint, stucco, etc.) clearly marked on the site?	ØYes □No □ N/A		
Are vehicle fueling and maintenance areas properly located to prevent pollutants from impacting stormwater and sensitive receptors?	⊠áYes □No □N/A	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
(Other)			

General Field Comments: P/A

#### Photos:

Photo #: 1



Station: North Site

Description: Decontamination pad located on Lot 1102.

Photo #: 2



Station: Northwest Site

Description: Construction entrance and roadway cleared on Mill Street.

#### Photo #: 3



#### Station: North Site

Description: Wedge cut along north side of site. This wedge cut addresses sediment control onto and offsite. The CFS in this area have been removed.

#### Photo #: 4



#### Station: Northeast Site

Description: Fractionation tanks to manage onsite groundwater removed from excavations.

Photo #: 5



Station: South Site

Description: Staked CFS along southern property boundary.

BASF 180 Mill Street, Lot 1102 Cranston, RI

Date	Name	Company Name	Time In	Time out
12/3	BRSE	5E5	0:630	15:30
(2/3	J. CEIGHTON	SES	0 700	1530
12/3	Brett Sullivan	5 <u>E</u> S	0630	1530
12/3	Michael JAMPOS	SES	0630	1530
12/3	Aavon Ting	AEI	0700	1545
12/3/18	Joshua Kiement	AEC	06:46	15:40
12/3/18	Charles Alasty	SS	0705	1530
12-3-18	ANTHONY DEMAID	VEOLIA	8:26	130 130
12-3-24	TalDeman	Ver i	8.76	136 136
12-3-18	James Homas	Veoli A	10,00 Am	11:10 Am
12.3.18	John Ajotte	Vedia	10 RM	11:10 An

#### DATLY PROJECT REPORT

Project:	BASF	, Lot 1102	Submitted By:	Aaron C. Ting		ΔFI	
	180 N	Mill Street	Signature			Consultanta	
	Crans	ston, RI	Date:		8	Consultants	
						<del></del>	
	5555 at	2 2 2 2 2		Daily			
	Weat	her: Partly Cloudy		Precipitation:	0"	Temp: <u>37-22</u>	
PERSONNEL	FOLI	DMENT				(Hi - low)	
Contractor	No.	C PILITI			1002000 BMG		
Contractor	140.	Commission		Owner/Represer	itative: N/A		
	_	Superintendent	7.222	-			
		Foremen	SES		-		
		H&S/QA Officer		AEI Personnel: A	aron Ting	1	
		Operators	SES	1	Josh Klement	1	
	_1	Laborers	SES	J			
		Other Trades (Surveyor)					
SubContractor	No.	Company/Firm					
				Visitors On Site	T. Dykstra (SES)		_
				Tribitors on Site.	1. Dykstra (SES)		_
٥	_				-		_
0		•					
8	_	Tabal Daniel Co. Co.					
	5	Total Personnel On Site					
MAJOR EQUI					EQ	UIPMENT/MATERIALS RECEIV	ED:
		at 289D skid steer, CAT 320C					
CAT 996H Load	ler, 5	and 1 micron filters, vibratory	roller				
carbon filtration	syste	em, CAT D3C dozer					
2-trash/recyclin	g bins	s, 2-100 yd rail cars, 1-21,000	gallon frac tanks				_
4,000 gallon ba	ffle, 1	0,000 gallon,and 20,000 gallor	frac tanks				
WORK COMP							_
		le liner on about 2,400 square	feet of the site.				
		· · · · · · · · · · · · · · · · · · ·					
Continued impo	ortatio	n of processed gravel for final	cover. About 289.7 to	ns were delivered	to the site and stoc	kpiled awaiting final emplacement.	
Redig Type 2A	and 2	B soil locations (half day). Abo	out 2.7 cy of Type 2A s	soil and 5.6 cy of	Type 2B soils remove	ed. The Type 2A soils were loaded	
into a 15-cy du	mp ca	nnister awaiting transport to t	he RIRRC facility in Joh	nston, RI. The T	ype 2B soils were lo	aded into the onsite railcars awaiting	ng
transport to the	VVIVI I	Emelle facility in Emelle, AL.					
Received concr	oto ca	mnle laboratory recults from c	operate contained with				
part of the CMI	WP re	evision request submitted in N	ovember 2018. The re	in deep excavatio	ns. These concrete	samples were requested by USEPA en subsequently, upon BASF approx	as
to USEPA/RIDE	M for	their review and ultimate appr	oval to the requested (	MI WP revisions	ded to BASE and the	an subsequently, upon BASE approv	al,
3.		те по отпости	over to the requested t	or it wir revisions.			
PCB results rec	eived v	within the floodway identified	very high PCB concenti	rations in deeper	soils (6 feet bas). T	herefore, AEI informed SES. SES to	2
leave dewaterir	ig equ	ipment until excavation sched	uling can be determine	d between AEI ar	nd BASF. Depending	upon BASF/AEI scheduling	6
discussion, SES	may r	need to provide change reques	st for winter work cond	litions.	400 700 1 Maria 1 Mari		
457 ·							
Act setup perin	neter c	lust monitors and no dust aler	ts observed onsite.				
HEALTH & SA	FETY:			NEST TE			
			lan for today, and veri	fies, by signing he	low that these docu	uments comply with the procedures	_
and content of	SES's	HASP."		nes, of signing be	non, that these doct	sments comply with the procedures	E.
Market Con-	_						
AEI Signature			7				
SES/AEI condu	ted da	ally H&S tailgate meeting to re	view work scope and s	afety precautions	/ISAs associated wit	th safe work practices. See SES	
SWP/PTP for to	pics di	scussed and Issues raised.		5000	you a abbutated the	an some more proceeds. See SES	
ISSUES/CHAI	IGES/	RESOLUTIONS:					
N/A							
							i i
DISCUSSION	CIT	ENT DIRECTION:					
V/A	/ CLI	LITT DIRECTION:					- 1
W.1							
						- 25	
							- 1

STRATEGIC ENVIRONMENTAL SERVICES, INC. 362 Putnam Hill Road Sutton, Massachusetts 01590

Office: (508) 757.7782 Fax: (508) 363.2346 www.strategic-es.com



### **DAILY WORKSHEET**

Date: /2-4-18					Project Number: 18-0315		
CLIENT / SITE INFORMAT	ION						
Name: BASF							
Address: 180. Mill	157						
				T KS			
Contact:							
PROJECTS NOTES Mol	70	5,51	7	43.	SAF	tay :	TAIR DROW LUDDEN +
CAISSO KIZDIS CEI	1376	14	4.48	TON	PM	CEW	ROMAPECAN AND REDG
CBM 3779,25 ran 1	YOUR N	RNTO	30	9016	Roll	con.	DAUB FASC TIMES And
INPINT (S)LOADS 1	20551	75 L	441	5AN	sico	And Co	VEC. About 8,100 og A godert la
and 7,400 sq Fd	- IMPT	me	اط	0.			
LABOR						MATERI	ALS / EQUIPMENT / TOOLS
Name O 12 o C	Position	Travel		Off-Site	Travel	Quantity	Item / Description
BROKE	PS/OP			15.0		1	PPE Level: A B C D
C MC CANTAY	1-5				163		CAT 320
J Lizighton	OP	6130	70	15.00	153.	<u></u>	CATG66L6ADEN
						1	CATSKID STEER HALVIED
						t	CAT D3 DOZEL
						<u></u>	Rollan
							CAT 320
						<u>i</u>	ROHART CON
SUBCONTRACTORS							
*							
							A
WEATHER OBSERVATION	IS						
						Project Man	ager's Signature:
						Client's Sign	nature:
				Name and Address			

Project:	
BASF Facili	tv
Cranston, RI	-,
Date (/2-4	)

# DAILY SAFE WORK FORM No.\_

SES, Sutton, MA (Page \_\_ of \_\_)

DESCRIPTION /	iviaintenance	Work Description		
Ct-1D	of work: CMI	mplementation Drainet		
Clart Date /	Time: (Date) (7	ime) 1214118 0=	600	
Location of Work	180 Mill Stre	et, Cranston, RI		
Strategic En	víronmental :	Services, Inc. (SES)		
Tillial V/Leac	Lomnany Na	mo: CEC		
Contact Pers	ion: BRIAN	1816		
Contact phon	ne # (508) 3	26-6523		
lealth and S	Safety (H&S) F	Plan (HASP) Signatures		
ead, understoo		deemed necessary by the Site He		prior to entry into the site, and/or daily H&S tion. Thereafter, a tailgate safety meeting is ining below, an individual certifies that he ha e-Task Planning Form.
ate		Attendee (Print)		
2/3	A		Company	Initials
214	BB	IG JAMFOS	YES -	mg
14	TKIPN	nent	5175	1867
214	2/1/1		AER	Jak
214	CMC	Carthon	SES	. 62-
214	Aaron		SEC	Ven
	7,000	11115		
		<del></del>		
sitor Log				
SILOI LOG	that visitors mus	st furnish their own personal prote an requirements. If the visitor repr	ective equipment. All visitors a esents a regulatory agency co	are required to sign the visitor log and oncerned with site health and safety issues,
s SES's policy mply with Heal	Ith and Safety Pla ite Supervisor st	nall also immediately notify use		
s SES's policy mply with Heal Designated S	ite Supervisor st	, , , , , , , , , , , , , , , , , , , ,		
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	Signature
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st	, , , , , , , , , , , , , , , , , , , ,		
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	
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s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	VAN
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	VAN
s SES's policy mply with Heal Designated S ame of Visito	ite Supervisor st r (Print)	Company Name	Date of Visit	